9 183

COMBINED DECLARATION AND POWER OF ATTORNEY

(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL, DIVISIONAL, CONTINUATION OR C-I-P)

As a below named inventor, I hereby declare that:

TYPE OF DECLARATION

(check one applicable item below)

This declaration is of the following type:



X	original.
	design.
	supplemental.
NOTE: II	the declaration is for an International Application being filed as a divisional, continuation of continuation of continuation of continuation in-part application, do <u>not</u> check next item; check appropriate one of last three items.
	national stage of PCT.
VOTE: If	one of the following 3 items apply, then complete and also attach ADDED PAGES FOR DIVISIONAL, ONTINUATION OR C-I-P.
	divisional.
	continuation.
	continuation-in-part (C-I-P).

INVENTORSHIP IDENTIFICATION

WARNING: If the inventors are each not the inventors of all the claims, an explanation of the facts, including the ownership of all the claims at the time the last claimed invention was made, should be submitted.

My residence, post office address and citizenship are as stated below, next to my name. I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed, and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

<u>A COMMU</u> NICATION	NETWODE	TEDMINAL	CHRRODATTAC		DI LIDAL TTV	Λ.	ADDL TOATTONO
A COMMONICATION	MEIMOKK	ICMITANT	SUPPURITING	Α	PLUKALIT	UF	APPLICATIONS

(Declaration and Power of Attorney [1-1]—page 1 of 7)



SPECIFICATION IDENTIFICA

the specification of which:

(complete (a), (b) or (c))

4 18

	(a)	☐ is attached hereto.
	NOTE	The following combinations of information supplied in an oath or declaration filed on the application filing date with a specification are acceptable as minimums for identifying a specification and compliand with any one of the items below will be accepted as complying with the identification requirement of CFR 1.63:
		"(1) name of inventor(s), and reference to an attached specification which is both attached to the oath or declaration at the time of execution and submitted with the oath or declaration on filing;
		"(2) name of inventor(s), and attorney docket number which was on the specification as filed or
		"(3) name of inventor(s), and title which was on the specification as filed."
		Notice of July 13, 1995 (1177 O.G. 60).
	(b) 8	was filed on <u>02/20/97</u> as Serial No. 0 ⁸ / <u>804,236</u> or
		and was amended on (if applicable).
	NOTE:	Amendments filed after the original papers are deposited with the PTO that contain new matter are not accorded a filing date by being referred to in the declaration. Accordingly, the amendments involved are those filed with the application papers or, in the case of a supplemental declaration, are those amendments claiming matter not encompassed in the original statement of invention or claims. See 37 CFR 1.67.
•	NOTE:	The following combinations of information supplied in an oath or declaration filed after the filing date are acceptable as minimums for identifying a specification and compliance with any one of the items below will be accepted as complying with the identification requirement of 37 CFR 1.63:
		"(1) name of inventor(s), and application number (consisting of the series code and the serial number; e.g.,08/123,456);
		"(2) name of inventor(s), serial number and filing date;
		(3) name of inventor(s) and attorney docket number which was on the specification as filed;
		"(4) name of inventor(s), title which was on the specification as filed and filing date;
		"(5) name of inventor(s), title which was on the specification as filed and reference to an attached specification which is both attached to the oath or declaration at the time of execution and submitted with the oath or declaration; or
	-	"(6) name of inventor(s), title which was on the specification as filed and accompanied by a cover letter accurately identifying the application for which it was intended by either the application number (consisting of the series code and the serial number, e.g.,08/123,456), or serial number and filing date. Absent any statement(s) to the contrary, it will be presumed that the application filed in the PTO is the application which the inventor(s) executed by signing the oath or declaration."
		Notice of July 13, 1995 (1177 O.G. 60).
((c) 🗆	was described and claimed in PCT International Application No.
		amended under PCT Article 19 on (if any).

(Declaration and Power of Attorney [1-1]—page 2 of 7)

ACKNOWLEDG NT OF REVIEW OF PAPERS AND TY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in 37, Code of Federal Regulations, § 1.56,

(also check the following items, if desired)

- and which is material to the examination of this application, namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and
 - in compliance with this duty, there is attached an information disclosure statement, in accordance with 37 CFR 1.98.

PRIORITY CLAIM (35 U.S.C. § 119(a)-(d))

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)–(d) of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

(complete (d) or (e))

- (d) no such applications have been filed.
- (e) Such applications have been filed as follows.

NOTE: Where item (c) is entered above and the International Application which designated the U.S. itself claimed priority check item (e), enter the details below and make the priority claim.

(Declaration and Power of Attorney [1-1]-page 3 of 7)

9 181

PRIOR FOREIGN/PCT APPLICATION(S) FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS APPLICATION AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. § 119(a)-(d)

9 16

COUNTRY (OR INDICATE IF PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 37 USC 119
Finland	960895	26 February 1996	☐ YES NO □
			☐ YES NO ☐
			☐ YES NO ☐
			☐ YES NO ☐
			☐ YES NO ☐

CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S) (34 U.S.C. § 119(e))

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

PROVISIONAL APPLICATION NUMBER	FILING DATE		
/			
/			
/			

CLAIM FOR BENEFIT OF EARLIER US/PCT APPLICATION(S) UNDER 35 U.S.C. 120

The claim for the benefit of any such applications are set forth in the attached ADDED PAGES TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR DIVISIONAL, CONTINUATION OR CONTINUATION-IN PART (C-I-P) APPLICATION.

150

ALL FOREIGN A LICATION(S), IF ANY, FILED MORE HAN 12 MONTHS (6 MONTH OR DESIGN) PRIOR TO THIS U.S. APPLICATION				
NOTE:	the basis for this application entering the divisional, or continuation-in-part, then all	ns from the filing date of this application is a PCT filing forming United States as (1) the national stage, or (2) a continuation, so complete ADDED PAGES TO COMBINED DECLARATION IONAL, CONTINUATION OR C-I-P APPLICATION for benefit nder 35 U.S.C. § 120.		
	POWER (OF ATTORNEY		
l here and tran	by appoint the following attorney isact all business in the Patent ar	(s) and/or agent(s) to prosecute this application and Trademark Office connected therewith.		
	(list name and	registration number)		
Mark F.	A. Green (24,622) Harrington (31,686) Smith (32,493)			
	(check the follow	ing item, if applicable)		
	mastra de part of and acciar	ation and power of attorney, is the authorization s) to accept and follow instructions from my		
END CO	RRESPONDENCE TO	DIRECT TELEPHONE CALLS TO: (Name and telephone number)		
	A. Green	•		
Perman & 25 Post	Green, LLP	Clarence A. Green		
ED FUSC	rvau	(203) 259-1800		

S

C Fairfield, CT 06430

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

(Declaration and Power of Attorney [1-1]—page 5 of 7)

9 181

SIGNATURE(S)

NOTE: Carefully indicate the family (or last) name, as it should appear on the filing receipt and all other documents. Full name of sole or first inventor Seppo Alanara (GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME) Inventor's signature _ Date ____ ___ Country of Citizenship __ **Finland** Residence Hallituskatu 11 B 31, 90100 Oulu, Finland Post Office Address Hallituskatu 11 B 31, 90100 Oulu, Finland Full name of second joint inventor, if any Isomursu (GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME) hiventor's signature ____ ___ Country of Citizenship ____ Finland Residence __Jarvenkorvenkuja 284, 90550 Oulu, Finland Post Office Address __Jarvenkorvenkuja 284, 90550 Oulu, Finland Full name of third joint inventor, if any Juhani Miettunen (GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME) Inventor's signature __ Date _____ ___ Country of Citizenship _ Finland Residence __Oivantie 15, 90580 Oulu, Finland

Post Office Address ___ Oivantie 15, 90580 Oulu, Finland

	,		
(0	proper box(es) for any of the fo	ollowing ed	oage(s)
	that form a part of this de		- • •

Q	Signature for fourth and subsequent joint inventors. Number of pages added
	• • •
	Signature by administrator(trix), executor(trix) or legal representative for deceased or incapacitated inventor. <i>Number of pages added</i>
	• • •
	Signature for inventor who refuses to sign or cannot be reached by person authorized under 37 CFR 1.47. Number of pages added
	• • •
	Added page for signature by one joint inventor on behalf of deceased inventor(s) where legal representative cannot be appointed in time. (37 CFR 1.47)
	• • •
	Added pages to combined declaration and power of attorney for divisional, continuation, or continuation-in-part (C-I-P) application.
	☐ Number of pages added
	• • •
	Authorization of attorney(s) to accept and follow instructions from representative.
	• • •
. the	(if no further pages form a part of this Declaration, on end this Declaration with this page and check the following item)
	This declaration ends with this page.

(Declaration and Power of Attorney [1-1]—page 7 of 7)

 α/R^{α}

ADDED PAGE TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR SIGNATURE BY FOURTH AND SUBSEQUENT INVENTORS

4 11

Full name of fourth joint in	nventor, if any	
Mikko		Lietsalmi
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
Date	Country of Citizenship	Finland
Residence <u>Suunnistajant</u>	ie 2B, 90650 Oulu, Finland	
Post Office AddressSuun	nistajantie 2B, 90650 Oulu, Finlar	nd .

Full name of fifth joint inve	entor, if any	
Kalevi		Kaartinen
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
Date	Country of Citizenship	Finland
Residence Hattnitter Str	. 12, 40699 Erkrath, Germany	
	nitter Str. 12, 40699 Erkrath, Germ	
Full name of sixth joint inve	onton if any	
Peter	entor, if any	Decker
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
	Country of Citizenship	Germany
	33, 45772 Marl, Germany	
	eliusstr. 33, 45772 Marl, Germany	

" K'

Full name of seventh joint in	ventor, if any	
\rto		Lehtonen
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
-		
Date	Country of Citizenship	Finland •
	33730 Tampere, Finland	
Post Office Address Sila	akatu 20, 33730 Tampere, Finland	
eighth Full name of joint inve	=====	
Pete		Pihko
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
<u>-</u>		·
Date	Country of Citizenship	Finland
	nue, Lexington, MA 02173 USA	
Post Office Address 26 Ta	aft Avenue, Lexington, MA 02173	JSA
Full name of joint inve	entor, if any	
Teemu		Tarnanen
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
Oate	Country of Citizenship	Finland
Residence <u>Kaskipuunkaari</u>	5 C 6, 02340 Espoo, Finland	
	inuunkaari 5 C 6. 02340 Esnoo. Fii	nland

Full name of joir	nt inventor, if any	
-		_Kari
Hannu GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature _		
	Country of Citizenship	Finland •
	nkuja 9 B 9, 02880 Veikkola, Finland	
	Kullervonkuja 9 B 9, 02880 Veikkola	
Post Office Address	Russell Vollkaga 3 b 37 bacob Vallmers	
-1		
Full name of joint	inventor, if any	
Jari		<u> Maenpaa</u>
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Date	Country of Citizenship	Finland
Residence Pispanka	atu 7 As 3, 33240 Tampere, Finland	
	Pispankatu 7 As 3, 33240 Tampere, F	inland
· Oat Office Address		
twe1th	÷ (2007)	~
full name of joint	inventor, if any	
Petri		Nykanen CALIFE NAME
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature	<u> </u>	Finland
Date	Country of Citizenship	r III aliu
Residence Tahmelan	katu 7 A 3, 33240 Tampere, Finland	
	Tahmelankatu 7 A 3. 33240 Tampere, F	

thirteenth Full name of joint in	ventor, if any	·
Mikko	<u>: </u>	Terho
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
Date	Country of Citizenship	Finland ,,
	3 A 1, 33820 Tampere, Finland	
Post Office Address Veisu	unkatu 58 A 1, 33820 Tampere, Fir	land
Fourteenth Full name of joint inver	ntor if any	
Patrik	No., ii diiy	Gustafsson
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature	le Sulf	
Date 20,08 974 20 June	Country of Citizenship	Finland
	E 61, 02230 Espoo, Finland	
	rand 5 E 61, 02230 Espoo, Finlan	d
Full name of joint inve	ntor, if any	
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
nventor's signature		
Date	Country of Citizenship	
Residence		
Post Office Address		
Cilice Vagiess		

442-007078-US(PAR)

As a below named inventor, I hereby declare that:

TYPE OF DECLARATION

THE OF DESCRIPTION
This declaration is of the following type:
(check one applicable item below)
즈 original.
☐ design.
☐ supplemental.
NOTE: If the declaration is for an International Application being filed as a divisional, continuation of continuation-in-part application, do not check next item; check appropriate one of last three items.
☐ national stage of PCT.
NOTE: If one of the following 3 items apply, then complete and also attach ADDED PAGES FOR DMISIONAL, CONTINUATION OR C-I-P.
☐ divisional.
☐ continuation.
☐ continuation-in-part (C-I-P).

INVENTORSHIP IDENTIFICATION

WARNING: If the inventors are each not the inventors of all the claims, an explanation of the facts, including the ownership of all the claims at the time the last claimed invention was made, should be submitted.

My residence, post office address and citizenship are as stated below, next to my name. I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed, and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

A COMMUNICATION	NETWORK TERMIN	AL SUPPORTING A	PLURALITY OF	APPLICATIONS	
					

(Declaration and Power of Attorney [1-1]-page 1 of 7)



SPECIFICATION IDENTIFICATION

9 18

the specification of which:

	4	
	(complete (a), (b) o	r (c))
(a)	is attached hereto.	
NOTE	The following combinations of information supplied in filing date with a specification are acceptable as minimur with any one of the items below will be accepted as of 37 CFR 1.63:	ns for identifying a specification and compliant
	"(1) name of inventor(s), and reference to ar to the oath or declaration at the time of execut on filing;	n attached specification which is both attache tion and submitted with the oath or declaration
	"(2) name of inventor(s), and attorney docket or	number which was on the specification as filed
	"(3) name of inventor(s), and title which was	on the specification as filed."
	Notice of July 13, 1995 (1177 O.G. 6	iO).
(b) 8	was filed on02/20/97 or □	., as 🗵 Serial No. 08 / 804,236
	and was amended on	(if applicable)
	Amendments filed after the original papers are deposit not accorded a filing date by being referred to in the declare those filed with the application papers or, in the camendments claiming matter not encompassed in the 37 CFR 1.67. "The following combinations of information supplied in a are acceptable as minimums for identifying a specification."	aration. Accordingly, the amendments involved ase of a supplemental declaration, are those original statement of invention or claims. See on oath or declaration filed after the filing date on and compliance with any one of the items
	below will be accepted as complying with the identifica "(1) name of inventor(s), and application numb	
	number, e.g.,08/123,456);	
	"(2) name of inventor(s), serial number and file	
	"(d) name of inventor(s) and attorney docket nu	
,	"(4) name of inventor(s), title which was on the stacked specification which is both attached to the submitted with the oath or declaration; or	he specification as filed and reference to an
	"(6) name of inventor(s), title which was on the a cover letter accurately identifying the applicate application number (consisting of the series code serial number and filing date. Absent any stateme the application filed in the PTO is the application the cath or declaration."	tion for which it was intended by either the a and the serial number, e.g.,08/123,456), or ant(s) to the contrary, it will be prosumed that
	Notice of July 13, 1995 (1177 O.G. 60).	
(c) 🗆	was described and claimed in PCT	and as
	amended under PCT Article 19 on	(if any).

(Declaration and Power of Attorney [1-1]—page 2 of 7)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in 37, Code of Federal Regulations, § 1.56,

(also check the following items, if desired)

- and which is material to the examination of this application, namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and
 - in compliance with this duty, there is attached an information disclosure statement, in accordance with 37 CFR 1.98.

PRIORITY CLAIM (35 U.S.C. § 119(a)-(d))

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)–(d) of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

(complete (d) or (e))

- (d) no such applications have been filed.
- (e) Such applications have been filed as follows.

NOTE: Where item (c) is entered above and the International Application which designated the U.S. itself claimed priority check item (e), enter the details below and make the priority claim.

(Declaration and Power of Attorney [1-1]—page 3 of 7)

. •

9 163

PRIOR FOREIGN/PCT APPLICATION(S) FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS APPLICATION AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. § 119(a)—(d)

COUNTRY (OR INDICATE IF PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 37 USC 119
Finland	960895	26 February 1996	₩ YES NO □
			☐ YES NO ☐
			☐ YES NO ☐
			☐ YES NO ☐
			☐ YES NO ☐

CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S) (34 U.S.C. § 119(e))

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

PROVISIONAL APPLICATION NUMBER	j	FILING DATE
/		
/		
/		

CLAIM FOR BENEFIT OF EARLIER US/PCT APPLICATION(S) UNDER 35 U.S.C. 120

☐ The claim for the benefit of any such applications are set forth in the attached ADDED PAGES TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR DIVISIONAL, CONTINUATION OR CONTINUATION-IN PART (C-I-P) APPLICATION.

(Declaration and Power of Attorney [1-1]—page 4 of 7)

ALL	FOR APPLICATION(S (6 MONTHS FOR DESIGN), <i>IF ANY,</i> FILE ORE THAN 12 MONTHS) PRIOR TO THIS U.S. APPLICATION
NOTE:	the basis for this application entering divisional, or continuation-in-part, the	onths from the filing date of this application is a PCT filing forming the United States as (1) the national stage, or (2) a continuation, n also complete ADDED PAGES TO COMBINED DECLARATION IVISIONAL, CONTINUATION OR C-I-P APPLICATION for benefits) under 35 U.S.C. § 120.
	POWE	R OF ATTORNEY
I here and tran	by appoint the following attom sact all business in the Paten	ney(s) and/or agent(s) to prosecute this application t and Trademark Office connected therewith.
	(list name a	and registration number)
Mark F.	A. Green (24,622) Harrington (31,686) Smith (32,493)	
	(check the following	lowing item, if applicable)
	Attached, as part of this decorporate of the above-named attorn representative(s).	elaration and power of attorney, is the authorization ey(s) to accept and follow instructions from my
	RRESPONDENCE TO	DIRECT TELEPHONE CALLS TO: (Name and telephone number)
Perman & 425 Post	A. Green Green, LLP Road 1, CT 06430	Clarence A. Green (203) 259-1800

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

(Declaration and Power of Attorney [1-1]—page 5 of 7)

DEPERTALINES

SIGNATURE(S)

documents.	the family (or last) name, as it should appea	r on the filing raceipt and all of	ther
Full name of sole or f	irst inventor		
Seppo		Alanara	
(GIVEN NAME)	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)	
Inventor's signature _			<u>.</u>
Date 13th June,	(997 Country of Citizenship	Finland	
Residence <u>Hallitus</u>	catu 11 8 31, 90100 Oulu, Einland		
Post Office Address <u>-</u>	lallituskatu 11 B-31 , 90100 Oulu, Fi	inland	
	Rantokahi 5 A23, geico cuiu,	Finland Some	Dem
		1324.	Line 1447
		•	
full name of second jo	oint inventor, if any		
Pekka		Isomursu	
(GIVEN NAME)	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)	
iventor's signature	(2 the C		_
late	Country of Citizenship _	Finland	
esidence <u>Jarvenkorve</u>	nkuja 284, 90550 Oulu, Finland		
ost Office Address_J	larvenkorvenkuja 2B4, 90550 Oulu, Fi	nland	
			_
			_
			•
•	ı		
all name of third joint	inventor, if any		
Juhani		Miettunen	
(GIVEN NAME)	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)	
ventor's signature	m- M		
ate Ith af Jun	<u> । ১৩৭</u> Country of Citizenship	· Finland	
	, 90580 Oulu, Finland ALPri		-
	Oivantie 15, 90580 Oulu, Finland		11.6.197
		33.0	- Ju

	heck proper box(es) for any of the following added page(s) that form a part of this declaration)
Ä	Signature for fourth and subsequent joint inventors. Number of pages added
	• • •
	Signature by administrator(trix), executor(trix) or legal representative for deceased or incapacitated inventor. Number of pages added
	• • •
	Signature for inventor who refuses to sign or cannot be reached by person authorized under 37 CFR 1.47. Number of pages added
	• • •
	Added page for signature by one joint inventor on behalf of deceased inventor(s) where legal representative cannot be appointed in time. (37 CFR 1.47)
	• • •
	Added pages to combined declaration and power of attorney for divisional, continuation, or continuation-in-part (C-I-P) application.
	☐ Number of pages added
	• • •
	Authorization of attorney(s) to accept and follow instructions from representative.
	• • •
the	(if no further pages form a part of this Declaration, on end this Declaration with this page and check the following item)
	This declaration ends with this page.

(Declaration and Power of Attorney [1-1]-page 7 of 7)

Full name of fourth joint in	nventor, if any	
Mikko		Lietsalmi
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
Date	Country of Citizenship	Finland
Residence <u>Suunnistajan</u>	tie 2B, 90650 Oulu, Finland	
Post Office AddressSuur	nnistajantie 2B, 90650 Oulu, Finlan	nd
Full name of fifth joint inve	entor, if any	•
Kalevi		Kaartinen
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
Date	Country of Citizenship	Finland
Residence Hattnitter St	r. 12, 40699 Erkrath, Germany	
Post Office Address _Hatti	nitter Str. 12, 40699 Erkrath, Gerπ	nany
	:	
Full name of sixth joint inv	ventor if any	
Peter	emor, ir arry	Decker
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
Date	Country of Citizenship	Germany
	33, 45772 Marl, Germany	
Post Office Address Sib	eliusstr. 33, 45772 Marl, Germany	

a. 16.

Full name of seventh joint in	ventor, if any	
Arto		Lehtonen
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Date	Country of Citizenship	Finland •
Residence Silakatu 20,	33730 Tampere, Finland	
Post Office Address Sila	akatu 20, 33730 Tampere, Finland	
eighth Full name of joint inve	ntor, if any	
Pete		Pihko
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Date	Country of Citizenship	Finland
	nue, Lexington, MA 02173 USA	
Post Office Address _ 26 Ta	aft Avenue, Lexington, MA 02173 L	ISA
_		
Full name of joint inve	entor, if any	
Teemu		Tarnanen
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
Date	Country of Citizenship	Finland
Residence Kaskipuunkaar	i 5 C 6, 02340 Espoo, Finland	
	ipuunkaari 5 C 6, 02340 Espoo, Fir	nland

ADDED PA	GE TO COMBINE	D DECLARAT	ION AND POW	ER OF
	SIGNATURE BY			

Full name of tenth joint inver	ntor, if any	
		Kari
Hannu GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
Date	Country of Citizenship	Finland
Residence Kullervonkuja 9		
Post Office Address Kuller		
eleventh Full name of joint invento	or if any	
	n, n any	Maenpaa
Jari GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
Date	Country of Citizenship _	Finland
Residence Pispankatu 7 F	As 3, 33240 Tampere, Finland	
Post Office AddressPispar		
twelth Full name of joint invent	or, if any	
Petri		Nykanen
	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		Finland
Date	Country of Citizenship _	riniand
Residence Tahmelankatu 7	A 3, 33240 Tampere, Finland	<u> </u>
Post Office Address Tahmeli		

4				
Attorney	ocket	No	442-007078-US(PAR)	

ADDED PAGE TO	O COMBINED DECLARATION	AND POWER OF
ATTORNEY FOR SIGN	ATURE BY FOURTH AND SU	BSEQUENT INVENTOR
thirteenth	ventor, if any	
Mikko	,	Terho
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
Date	Country of Citizenship	Finland ,,
	B A 1, 33820 Tampere, Finland	
	unkatu 58 A 1, 33820 Tampere, Fin	land
. dot office Addressvers	1, 33020 Tampere, Fin	ranu
Fourteenth		
Full name of joint inver	ntor, if any	
Patrik		<u>Gustafsson</u>
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
nventor's signature	· · · · · · · · · · · · · · · · · · ·	
Date	Country of Citizenship	Finland
	E 61, 02230 Espoo, Finland	
	rand 5 E 61, 02230 Espoo, Finland	
uil name of joint inve	ator if any	
on riame of joint live	ntor, ir any	
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
	Country of Citizenship	
ost Office Address		

 $u \in \mathbb{R}^{n}$

COMBINED DECLARATION AND POWER OF ATTORNEY

(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL, DIVISIONAL, CONTINUATION OR C-I-P)

INVENTORSHIP IDENTIFICATION

WARNING: If the inventors are each not the inventors of all the claims, an explanation of the facts, including the ownership of all the claims at the time the last claimed invention was made, should be submitted.

My residence, post office address and citizenship are as stated below, next to my name. I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed, and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

<u>A COMMUNICA</u>	<u>TION NETWORK</u>	TERMINAL	SUPPORTING A	PLURALITY	OF APPLICATION	ıs

(Deciaration and Power of Attorney [1-1]-page 1 of 7)



SPECIFICATION IDENTIFICA

the specification of which:

(complete (a) (b) or (c))

9 183

(complete (a), (b) or (c))
(a) is attached hereto.
NOTE: The following combinations of information supplied in an oath or declaration filed on the application filing date with a specification are acceptable as minimums for identifying a specification and compliance with any one of the items below will be accepted as complying with the identification requirement of 37 CFR 1.63:
"(1) name of inventor(s), and reference to an attached specification which is both attached to the oath or declaration at the time of execution and submitted with the oath or declaration on filing;
"(2) name of inventor(s), and attorney docket number which was on the specification as filed; or
"(3) name of inventor(s), and title which was on the specification as filed."
Notice of July 13, 1995 (1177 O.G. 60).
(b) ☑ was filed on 02/20/97 as ☑ Serial No. 08 / 804,236 or ☐
and was amended on (if applicable).
NOTE: Amendments filed after the original papers are deposited with the PTO that contain new matter are not accorded a filing date by being referred to in the declaration. Accordingly, the amendments involved are those filed with the application papers or, in the case of a supplemental declaration, are those amendments claiming matter not encompassed in the original statement of invention or claims. See 37 CFR 1.67.
NOTE: The following combinations of information supplied in an oath or declaration filed after the filing date are acceptable as minimums for identifying a specification and compliance with any one of the items below will be accepted as complying with the identification requirement of 37 CFR 1.63:
"(1) name of inventor(s), and application number (consisting of the series code and the serial number, e.g.,08/123,456);
"(2) name of inventor(s), serial number and filing date;
(3) name of inventor(s) and attorney docket number which was on the specification as filed;
"(4) name of inventor(s), title which was on the specification as filed and filing date;
"(5) name of inventor(s), title which was on the specification as filed and reference to an attached specification which is both attached to the eath or declaration at the time of execution and submitted with the eath or declaration; or
"(6) name of inventor(s), title which was on the specification as filed and accompanied by a cover letter accurately identifying the application for which it was intended by either the application number (consisting of the series code and the serial number; e.g.,08/123,456), or serial number and filing date. Absent any statement(s) to the contrary, it will be presumed that the application filed in the PTO is the application which the inventor(s) executed by signing the oath or declaration."
Notice of July 13, 1995 (1177 O.G. 60).
(c) was described and claimed in PCT International Application No.
amended under PCT Article 19 on (if any).

(Declaration and Power of Attorney [1-1]-page 2 of 7)

ACKNOWLE EMENT OF REVIEW OF PAPERS A DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in 37, Code of Federal Regulations, § 1.56,

(also check the following items, if desired)

and which is material to the examination of this application, namely, informat where there is a substantial likelihood that a reasonable Examiner would consit important in deciding whether to allow the application to issue as a paternal
—··•

in compliance with this duty, there is attached an information disclosure statement, in accordance with 37 CFR 1.98.

PRIORITY CLAIM (35 U.S.C. § 119(a)-(d))

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)–(d) of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

(complete (d) or (e))

(d) no such applications have been filed.

(e) Such applications have been filed as follows.

NOTE: Where item (c) is entered above and the International Application which designated the U.S. itself claimed priority check item (e), enter the details below and make the priority claim.

(Declaration and Power of Attorney [1-1]-page 3 of 7)

" 11"

PRIOR FOREIGN/PCT APPLICATION(S) FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS APPLICATION AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. § 119(a)-(d)

21 JC

COUNTRY (OR INDICATE IF PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY UNDER 37	
Finland	960895	26 February 1996	₩ YES	ио 🗆
			☐ YES	ио 🗆
			☐ YES	ио 🗆
			☐ YES	ИО □
		·	☐ YES	ио □

CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S) (34 U.S.C. § 119(e))

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

PROVISIONAL APPLICATION NUMBER	FILING DATE
/	
/	!
/	

CLAIM FOR BENEFIT OF EARLIER US/PCT APPLICATION(S) UNDER 35 U.S.C. 120

☐ The claim for the benefit of any such applications are set forth in the attached ADDED PAGES TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR DIVISIONAL, CONTINUATION OR CONTINUATION-IN PART (C-I-P) APPLICATION.

(Declaration and Power of Attorney [1-1]-page 4 of 7)

the basis for this application entering t divisional, or continuation-in-part, then	onths from the filing date of this application is a PCT filing forming the United States as (1) the national stage, or (2) a continuation also complete ADDED PAGES TO COMBINED DECLARATION ISSUMAL, CONTINUATION OR C-I-P APPLICATION for benefunder 35 U.S.C. § 120.
POWER	R OF ATTORNEY
I hereby appoint the following attornoon and transact all business in the Patent	ey(s) and/or agent(s) to prosecute this application and Trademark Office connected therewith.
(list name an	nd registration number)
Clarence A. Green (24,622) Mark F. Harrington (31,686) Harry F. Smith (32,493)	
	owing item, if applicable)
Attached, as part of this declar of the above-named attorner representative(s).	aration and power of attorney, is the authorization by to accept and follow instructions from my
SEND CORRESPONDENCE TO	DIRECT TELEPHONE CALLS TO: (Name and telephone number)
Clarence A. Green	·
Perman & Green, LLP 425 Post Road	Clarence A. Green
	(203) 259-1800

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

(Declaration and Power of Attorney [1-1]—page 5 of 7)

SIGNATURE(S)

NOTE: Carefully indicate the documents.	he family (or last) name, as it should appea	r on the filing receipt and all c
Full name of sole or fin	st inventor	
Seppo		Alanara
(GIVEN NAME)	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)
Inventor's signature		
Date	Country of Citizenship _	Finland
Residence Hallituska	tu 11 B 31, 90100 Oulu, Finland	
	llituskatu 11 B 31, 90100 Oulu, Fi	
Full name of second to	4	•
Full name of second joir	it inventor, if any	
Pekka (GIVEN NAME)	(MIDDLE INITIAL OR NAME)	Isomursu
	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)
Dete		
Date	Country of Citizenship	Finland
Residence <u>Jarvenkorvenl</u>	kuja 284, 90550 Oulu, Finland	
Post Office AddressJai	rvenkorvenkuja 2B4, 90550 Oulu, Fi	nland
full name of third initial		
full name of third joint in	ventor, if any	M. C.
	(MIDDLE INITIAL OR NAME)	Miettunen
	(middle initial Or raine)	FAMILY (OR LAST NAME)
ato		
ooidana. Odusaki sa	Country of Citizenship	Finland
	90580 Oulu, Finland	
ost Office Address <u>0</u> i	vantie 15, 90580 Oulu, Finland	

that form a part of this declaration)

Ŏ	Signature for fourth and subsequent joint inventors. Number of pages added
	• • •
	Signature by administrator(trix), executor(trix) or legal representative for deceased or incapacitated inventor. Number of pages added
	• • •
	Signature for inventor who refuses to sign or cannot be reached by person authorized under 37 CFR 1.47. Number of pages added
	• • •
	Added page for signature by one joint inventor on behalf of deceased inventor(s) where legal representative cannot be appointed in time. (37 CFR 1.47)
	• • •
	Added pages to combined declaration and power of attorney for divisional, continuation, or continuation-in-part (C-I-P) application.
	• • •
□ A	authorization of attorney(s) to accept and follow instructions from representative.
	• • •
ther	(if no further pages form a part of this Declaration, nend this Declaration with this page and check the following item) This declaration ends with this page.

(Declaration and Power of Attorney [1-1]—page 7 of 7)

n R

11 12

Full name of fourth joint in	ventor, if any	
Mikko	-	Lietsalmi
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
Date	Country of Citizenship	Finland
Residence <u>Suunnistajant</u>	ie 2B, 90650 Oulu, Finland	
Post Office AddressSuum	nistajantie 2B, 90650 Oulu, Finlan	d
Full name of fifth joint inve	ntor, if any	
Kalevi	,	Kaartinen
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature	·	
Date	Country of Citizenship	Fin]and
	. 12, 40699 Erkrath, Germany	
Post Office Address Hattn	itter Str. 12, 40699 Erkrath, Gerπ	any
Full name of sixth joint inve	entor if any	
Peter	in any	Decker
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
Date	Country of Citizenship	Germany
	33, 45772 Marl, Germany	
Post Office AddressSibe	liusstr. 33, 45772 Marl, Germany	

Full name of seventh joint	inventor, if any	
Arto		<u>Lehtonen</u>
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
Date	Country of Citizenship	Finland
	, 33730 Tampere, Finland	
Post Office Address Si	lakatu 20, 33730 Tampere, Finland	
eighth Full name of joint inv	rentor, if any	
Pete	•	Pihko
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature	tell tikh	
Date it th June 19	997 Country of Citizenship	Finland
Residence26 Taft Ave	enue, Lexington, MA 02173 USA	
	Taft Avenue, Lexington, MA 02173 (150
	Description of the second seco	
Full name of ninth joint inv	rentor, if any	
Teemu		Tarnanen
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
nventor's signature		
Date	Country of Citizenship	Finland
Residence <u>Kaskipuunkaar</u>	i 5 C 6, 02340 Espoo, Finland	
ost Office Address Kask	ipuunkaari 5 C 6, 02340 Espoo, Fin	land

tenth		
Full name of joint inven	tor, if any	
Hannu		_Kari
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
Date		Finland •
Residence Kullervonkuja 9		
Post Office AddressKuller	vonkuja 9 B 9, 02880 Veikko	la, Finland
eleventh Full name of point inventor		
Full name of joint inventor	r, if any	
Jari		Maenpaa
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
Date	Country of Citizenship _	Finland
Residence Pispankatu 7 A	s 3, 33240 Tampere, Finland	
Post Office AddressPispan		
Tost Office Address		
Full name of joint invento		
	or, it any	
Petri	MIDDLE INITIAL OR NAME	Nykanen FAMILY (OR LAST NAME)
GIVEN NAME	MIDDLE INITIAL OR NAME	•
Inventor's signature		Einland
Date		
ResidenceTahmelankatu 7 /	A 3, 33240 Tampere, Finland	
Post Office Address Tahmela		

		4
m	Docket No. 442-007078-US(PAR)	

thirteenth Full name of - joint in	ATURE BY FOURTH AND SUI	TO QUELLE MAN ENTOP
Mikko	ventor, if any	Terho
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
	Country of Citizenship	Finland ,,
Residence Veisunkatu 58	3 A 1, 33820 Tampere, Finland	
	unkatu 58 A l, 33820 Tampere, Fin	land
	, 1990 (ampere, 17)	rana
	14001 5 1140	Gustafsson
Patrik GIVEN NAME	MIDDLE INITIAL OR NAME	
GIVEN NAME Inventor's signature		FAMILY (OR LAST NAME)
GIVEN NAME nventor's signature Date	Country of Citizenship	FAMILY (OR LAST NAME) Finland
GIVEN NAME Inventor's signature Date ResidenceElsasgrand 5	Country of Citizenship E 61, 02230 Espoo, Finland	FAMILY (OR LAST NAME) Finland
GIVEN NAME Inventor's signature Date ResidenceElsasgrand 5		FAMILY (OR LAST NAME) Finland
GIVEN NAME Inventor's signature Date ResidenceElsasgrand 5	Country of Citizenship E 61, 02230 Espoo, Finland	FAMILY (OR LAST NAME) Finland
GIVEN NAME Inventor's signature Date	Country of Citizenship E 61, 02230 Espoo, Finland rand 5 E 61, 02230 Espoo, Finland	FAMILY (OR LAST NAME) Finland
GIVEN NAME Inventor's signature Date	Country of Citizenship E 61, 02230 Espoo, Finland rand 5 E 61, 02230 Espoo, Finland	FAMILY (OR LAST NAME) Finland
GIVEN NAME Inventor's signature Date	Country of Citizenship E 61, 02230 Espoo, Finland rand 5 E 61, 02230 Espoo, Finland	FAMILY (OR LAST NAME) Finland
GIVEN NAME Inventor's signature Date Residence Elsasgrand 5 Post Office Address Elsasgrand 5 Full name of joint inventions	Country of Citizenship E 61, 02230 Espoo, Finland rand 5 E 61, 02230 Espoo, Finland ator, if any	FAMILY (OR LAST NAME) Finland

9 189

9 163

COMBINED DECLARATION AND POWER OF ATTORNEY

(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL, DIVISIONAL, CONTINUATION OR C-I-P)

As a below named inventor, I hereby declare that:
TYPE OF DECLARATION
This declaration is of the following type:
(check one applicable item below)
🗵 original.
☐ design.
☐ supplemental.
NOTE: If the declaration is for an International Application being filed as a divisional, continuation or continuation-in-part application, do <u>not</u> check next item; check appropriate one of last three items.
☐ national stage of PCT.
NOTE: If one of the following 3 items apply, then complete and also attach ADDED PAGES FOR DIVISIONAL, CONTINUATION OR C-I-P.
☐ divisional.
□ continuation.
☐ continuation-in-part (C-I-P).
INVENTORSHIP IDENTIFICATION
WARNING: 15 the immediate the state of the s

WARNING: If the inventors are each not the inventors of all the claims, an explanation of the facts, including the ownership of all the claims at the time the last claimed invention was made, should be submitted.

My residence, post office address and citizenship are as stated below, next to my name. I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed, and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

A	COMMUNICATION	NETWORK	TERMINAL	SUPPORTING	Α	PLURALITY	0F	APPLICATIONS

(Declaration and Power of Attorney [1-1]-page 1 of 7)



the specification of which:

(complete (a), (b) or (c))

 $\alpha \in R^{\alpha}$

(a)	⊡ is	attached her	reto.			
NOTE	filing o	late with a speci	fication are act	eptable as minim	ums for identifying a s	tion filed on the application pecification and compliance dentification requirement of
		"(1) name of to the cath or on filing;	of inventor(s), declaration a	and reference to a t the time of exec	an attached specifica ution and submitted	tion which is both attached with the oath or declaration
		"(2) name o or	f inventor(s), a	nd attorney docke	t number which was	on the specification as filed;
		*(3) name (of inventor(s),	and title which wa	s on the specification	on as filed."
		Notice of J	uly 13, 199	5 (1177 O.G.	60).	
(b) 8	⊠ wa: or l	s filed on	-	· ·	•	lo. 0 ⁸ / <u>804,236</u>
					_ (if applicable).	
NOTE:	are tho	corded a filing da se filed with the ments claiming	ite by being rei e application j	erred to in the dec papers or, in the	claration. Accordingly case of a suppleme	at contain new matter are the amendments involved ntal declaration, are those of invention or claims. See
NOTE:	are acc	eptable as minir	nums for iden	tifying a specifica	an oath or declaration tion and compliance ation requirement of	on filed after the filing date with any one of the items 37 CFR 1.63:
••		"(1) name of number, e.g.,08		d application num	ber (consisting of the	series code and the serial
		"(2) name of	inventor(s), se	erial number and	filing date;	
		f(3) name of	inventor(s) and	attomey docket i	number which was or	the specification as filed;
		"(4) name	of inventor(s),	title which was o	n the specification a	s filed and filing date;
		attached specifi	cation which is	tle which was on both attached to or declaration; or	the specification as the oath or declaration	filed and reference to an on at the time of execution
	: :	a cover letter a application num serial number an	ccurately iden ber (consisting od filing date. A filed in the PT	tifying the applic of the series co Absent any statem	ation for which it wa de and the serial nun tent(s) to the contrary	iled and accompanied by is intended by either the nber, e.g.,08/123,456), or r, it will be presumed that or(s) executed by signing
		Notice of July				
(c) 🗆				., filed on $_$	International	Application No.
	amen	ided under F	CT Article	19 on		(if any)

(Declaration and Power of Attorney [1-1]—page 2 of 7)

(list name and registration num Clarence A. Green (24,622) Mark F. Harrington (31,686)	the national stage, or (2) a continuation of the national stage, or (2) a continuation of the national stage o
the basis for this application entering the United States as (1, divisional, or continuation-in-part, then also complete ADDED AND POWER OF ATTORNEY FOR DIVISIONAL, CONTINUAL of the prior U.S. or PCT application(s) under 35 U.S.C. § 12 POWER OF ATTORNEY I hereby appoint the following attorney(s) and/or agent and transact all business in the Patent and Trademark Of list name and registration numbers of the A. Green (24,622) Mark F. Harrington (31,686) Harry F. Smith (32,493) (check the following item, if application of the above-named attorney(s) to accept and accept accept and accept and accept accept and accept accept accept accept accept accept and accept accept accept accept and accept acce	the national stage, or (2) a continuation of the national stage, or (2) a continuation of the national stage o
I hereby appoint the following attorney(s) and/or agent and transact all business in the Patent and Trademark O (list name and registration num Clarence A. Green (24,622) Mark F. Harrington (31,686) Harry F. Smith (32,493) (check the following item, if apple Attached, as part of this declaration and power of the above-named attorney(s) to accept an	s) to prosecute this application in the connected therewith.
and transact all business in the Patent and Trademark O (list name and registration num Clarence A. Green (24,622) Mark F. Harrington (31,686) Harry F. Smith (32,493) (check the following item, if appl Attached, as part of this declaration and power of the above-named attorney(s) to accept ar	fice connected therewith.
Clarence A. Green (24,622) Mark F. Harrington (31,686) Harry F. Smith (32,493) (check the following item, if appl Attached, as part of this declaration and power of the above-named attomey(s) to accept an	ber)
Mark F. Harrington (31,686) Harry F. Smith (32,493) (check the following item, if appl Attached, as part of this declaration and power of the above-named attorney(s) to accept ar	
(check the following item, if apple Attached, as part of this declaration and power of the above-named attorney(s) to accept an	
of the above-named attorney(s) to accept ar	cable)
	of attomey, is the authorization in the follow instructions from in
SEND CORRESPONDENCE TO	RECT TELEPHONE CALLS TO:
Clarence A. Green	lame and telephone number)
	A C
25 Post Road (203 airfield, CT 06430	ence A. Green

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

(Declaration and Power of Attorney [1-1]—page 5 of 7)

SIGNATURE(S)

lanara LY (OR LAST NAME) inland
LY (OR LAST NAME)
LY (OR LAST NAME)
inland
inland
•
somursu
Y (OR LAST NAME)
nland
ettunen
(OR LAST NAME)
· · · · · · · · · · · · · · · · · · ·
nland

	that form a part of this declaration)
Q	Signature for fourth and subsequent joint inventors. Number of pages added
	• • •
	Signature by administrator(trix), executor(trix) or legal representative for deceased or incapacitated inventor. Number of pages added
	• • •
	Signature for inventor who refuses to sign or cannot be reached by person authorized under 37 CFR 1.47. Number of pages added
	• • •
	Added page for signature by one joint inventor on behalf of deceased inventor(s) where legal representative cannot be appointed in time. (37 CFR 1.47)
	• • •
	Added pages to combined declaration and power of attorney for divisional, continuation, or continuation-in-part (C-I-P) application.
	☐ Number of pages added
	• • •
J ,	Authorization of attorney(s) to accept and follow instructions from representative.
	• • •
the	(if no further pages form a part of this Declaration, en end this Declaration with this page and check the following item)

(Declaration and Power of Attorney [1-1]—page 7 of 7)

This declaration ends with this page.

u(R)

4	

 $u \in \mathbb{R}^n$

Attorney's Let No. 442-007078-US(PAR)

Full name of fourth joint i	nventor, if any	
Mikko		Lietsalmi
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
Date	Country of Citizenship	Finland
Residence <u>Suunnistajan</u>	tie 2B, 90650 Oulu, Finland	
Post Office AddressSuu	nnistajantie 2B, 90650 Oulu, Finlan	d
Full name of fifth joint inv	entor, if any	
Kalevi		Kaartinen
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
Date	Country of Citizenship	Finland
Residence Hattnitter St	r, 12, 40699 Erkrath, Germany	
	nitter Str. 12, 40699 Erkrath, Gerπ	
Full name of sixth joint inv	ventor, if any	
Peter		Decker
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
Date	Country of Citizenship	Germany
Residence <u>Sibeliusstr.</u>	33, 45772 Marl, Germany	
Post Office Address Sib	eliusstr. 33, 45772 Marl, Germany	

-
-/-

Full name of seventh joint	inventor, if any	
Arto		_Lehtonen
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature	unto .	
Date // JUNE 1	997 Country of Citizenship	Finland
ResidenceSilakatu 20), 33730 Tampere, Finland	
Post Office AddressS	ilakatu 20, 33730 Tampere, Finland	
	·	
Full name of joint in	ventor, if any	
Pete		Pihko
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
Date	Country of Citizenship	Finland
	venue, Lexington, MA 02173 USA	
Post Office Address 26	Taft Avenue, Lexington, MA 02173	USA
	i	
Full name of ninth joint in	eventor, if any	
Teemu		Tarnanen
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
Date	Country of Citizenship	Finland
Residence <u>Kaskipuunka</u> a	ri 5 C 6, 02340 Espoo, Finland	
Post Office Address Kas	skipuunkaari 5 C 6. 02340 Espoo. Ei	nland

ADDED PA	GE TO COMBIN	ED DECLARAT	TION AND POW	ER OF
ATTORNEY FOR	SIGNATURE BY	FOURTH AND	SUBSEQUENT	INVENTORS

Full name of tenth join	nt inventor, if any	
		Kari
Hannu GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature _		
	Country of Citizenship	Finland
	nkuja 9 B 9, 02880 Veikkola, Finlan	
	Kullervonkuja 9 B 9, 02880 Veikkol	
, , , , , , , , , , , , , , , , , , , ,		. <u></u>
eleventh Full name of joint	inventor, if any	
Jari		Maenpaa
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature _		
Date	Country of Citizenship	Finland
Residence Pispanka	atu 7 As 3, 33240 Tampere, Finland	
	Pispankatu 7 As 3, 33240 Tampere,	
1 Ost Office Address		
twe1th Full name of joint	inventor if one	
•	inventor, if any	Nodoman
Petri	MIDDLE INITIAL OR NAME	Nykanen FAMILY (OR LAST NAME)
GIVEN-NAME		chance for the thomas
		Finland
Date	Country of Citizenship	- Tilliana :
ResidenceTahmelan	katu 7 A 3, 33240 Tampere, Finland	
Post Office Address	Tahmelankatu 7 A 3, 33240 Tampere,	Finland

joint inventor, if any

Inventor's signature

Full name of

GIVEN NAME

Residence _____

Post Office Address _____

FAMILY (CR LAST NAME)

 $u\in \mathbb{R}^n$

ADDED PAGE TO (COMBINED DECLARATION	AND POWER OF
ATTORNEY FOR SIGNAT	URE BY FOURTH AND SUI	SEQUENT INVENTOR
thirteenth Full name of - joint inven		
Mikko		Terho
Inventor's signature	MICH INTER OR NAME	FAMILY (OR LAST NAME)
Date 16th JUNE 179	Country of Citizenship	Finland ,,
ResidenceVeisunkatu 58 A	1, 33820 Tampere, Finland	
Post Office AddressVeisunka	<u>ıtu 58 A 1, 33820 Tampere, Fin</u>	land
Fourteenth Full name of joint inventor	, if any	
Patrik	·	Gustafsson
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
Date	Country of Citizenship	Finland
Residence <u>Elsasgrand 5 E 6</u>		
Post Office Address <u>Elsasgran</u>	d 5 E 61, 02230 Espoo, Finland	d

MIDDLE INITIAL OR NAME

Date _____ Country of Citizenship _____

COMBINED DECLARATION AND POWER OF ATTORNEY

(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL, DIVISIONAL, CONTINUATION OR C-I-P)

As a below named inventor, I hereby declare that:

TYPE OF DECLARATION

This declaration is of the following type:
(check one applicable item below)
☑ original.
design.
☐ supplemental.
NOTE: If the declaration is for an International Application being filed as a divisional, continuation or continuation-in-part application, do not check next item; check appropriate one of last three items.
☐ national stage of PCT.
NOTE: If one of the following 3 items apply, then complete and also attach ADDED PAGES FOR DIVISIONAL, CONTINUATION OR C-I-P.
☐ divisional.
. Continuation.
☐ continuation-in-part (C-I-P).

INVENTORSHIP IDENTIFICATION

WARNING: If the inventors are each not the inventors of all the claims, an explanation of the facts, including the ownership of all the claims at the time the last claimed invention was made, should be submitted.

My residence, post office address and citizenship are as stated below, next to my name. I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed, and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

A COMMONICATION NETWORK	TERMINAL SUPPORTING A	PLURALITY OF	APPLICATIONS	
	<u>:</u> :			

(Declaration and Power of Attorney [1-1]-page 1 of 7)

75 m



SPECIFICATION IDENTIFICA

the specification of which:

(complete (a), (b) or (c))

	, , , , , , , , , , , , , , , , , , ,
(a)	is attached hereto.
NOTE	"The following combinations of information supplied in an oath or declaration filed on the application filing date with a specification are acceptable as minimums for identifying a specification and compliance with any one of the items below will be accepted as complying with the identification requirement of 37 CFR 1.63:
	"(1) name of inventor(s), and reference to an attached specification which is both attached to the oath or declaration at the time of execution and submitted with the oath or declaration on filing;
	"(2) name of inventor(s), and attorney docket number which was on the specification as filed; or
	"(3) name of inventor(s), and title which was on the specification as filed."
	Notice of July 13, 1995 (1177 O.G. 60).
(b) 8	· · · · · · · · · · · · · · · · · · ·
	and was amended on (if applicable).
NOTE:	Amendments filed after the original papers are deposited with the PTO that contain new matter are not accorded a filing date by being referred to in the declaration. Accordingly, the amendments involved are those filed with the application papers or, in the case of a supplemental declaration, are those amendments claiming matter not encompassed in the original statement of invention or claims. See 37 CFR 1.67.
NOTE:	"The following combinations of information supplied in an oath or declaration filed after the filing date are acceptable as minimums for identifying a specification and compliance with any one of the items below will be accepted as complying with the identification requirement of 37 CFR 1.63:
	"(1) name of inventor(s), and application number (consisting of the series code and the serial number, e.g.,08/123,456);
	"(2) name of inventor(s), serial number and filing date;
	(3) name of inventor(s) and attorney docket number which was on the specification as filed;
	"(4) name of inventor(s), title which was on the specification as filed and filing date;
	"(5) name of inventor(s), title which was on the specification as filed and reference to an attached specification which is both attached to the eath or declaration at the time of execution and submitted with the oath or declaration; or
	"(6) name of inventor(s), title which was on the specification as filed and accompanied by a cover letter accurately identifying the application for which it was intended by either the application number (consisting of the series code and the serial number, e.g.,08/123,456), or serial number and filing date. Absent any statement(s) to the contrary, it will be presumed that the application filed in the PTO is the application which the inventor(s) executed by signing the oath or declaration."
	Notice of July 13, 1995 (1177 O.G. 60).
(c) 🗆	was described and claimed in PCT International Application No.
	amended under PCT Article 19 on

(Declaration and Power of Attorney [1-1]—page 2 of 7)

"niffer

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in 37, Code of Federal Regulations, § 1.56,

(also check the following items, if desired)

- and which is material to the examination of this application, namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and
 - in compliance with this duty, there is attached an information disclosure statement, in accordance with 37 CFR 1.98.

PRIORITY CLAIM (35 U.S.C. § 119(a)-(d))

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

(complete (d) or (e))

(d) \Box no such applications have been filed.

(e) Such applications have been filed as follows.

NOTE: Where item (c) is entered above and the International Application which designated the U.S. itself claimed priority check item (e), enter the details below and make the priority claim.

(Declaration and Power of Attorney [1-1]—page 3 of 7)

H 5

Ф

PRIOR FOREIGN/PCT APPLICATION(S) FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS APPLICATION AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. § 119(a)-(d)

"hattiga

COUNTRY (OR INDICATE IF PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 37 USC 119
Finland	960895	26 February 1996	∏ YES NO □
			☐ YES NO ☐
			☐ YES NO ☐
			☐ YES NO ☐
			☐ YES NO ☐

CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S) (34 U.S.C. § 119(e))

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

PROVISIONAL APPLICATION NUMBER	FILING DATE
/	
/	
/	

CLAIM FOR BENEFIT OF EARLIER US/PCT APPLICATION(S) UNDER 35 U.S.C. 120

The claim for the benefit of any such applications are set forth in the attached ADDED PAGES TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR DIVISIONAL, CONTINUATION OR CONTINUATION-IN PART (C-I-P) APPLICATION.

Fairfield, CT 06430

		PRIOR TO THIS U.S. APPLICATION
NOTE:	the basis for this application entering divisional, or continuation-in-part, the	onths from the filing date of this application is a PCT filing forming the United States as (1) the national stage, or (2) a continuation, n also complete ADDED PAGES TO COMBINED DECLARATION IVISIONAL, CONTINUATION OR C-I-P APPLICATION for benefits) under 35 U.S.C. § 120.
	POWE	R OF ATTORNEY
I here and tran	by appoint the following attom resact all business in the Paten	ney(s) and/or agent(s) to prosecute this application t and Trademark Office connected therewith.
	(list name a	nd registration number)
Mark F.	e A. Green (24,622) Harrington (31,686) . Smith (32,493)	
	(check the fol	lowing item, if applicable)
0		claration and power of attorney, is the authorization ley(s) to accept and follow instructions from my
SEND CO	PRRESPONDENCE TO	DIRECT TELEPHONE CALLS TO:
Clarence	A. Green	(Name and telephone number)
Perman & 425 Post	Green, LLP Road	Clarence A. Green

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

(Declaration and Power of Attorney [1-1]—page 5 of 7)

SIGNATURE(S)

 $\mathcal{A}_{0}(\mathbb{F})$

NOTE: Carefully indicate the documents.	family (or last) name, as it should appea	r on the filing receipt and all oth
Full name of sole or first	t inventor	
<u>Seppo</u>		Alanara
	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)
Inventor's signature		
Date	Country of Citizenship _	Finland
	44 0 04 00400 0 0 0 0 0	
Post Office Address Hall	lituskatu 11 B 31, 90100 Oulu, Fi	
		•
Full name of second joint	inventor 4 ami	• .
Pekka	inventor, if any	•
	(MIDDLE INITIAL OR NAME)	I SOMUTSU FAMILY (OR LAST NAME)
		TAME! (ON LAST NAME)
	Country of Citizenship	Finland
Residence Jarvenkorvenku	uja 284, 90550 Oulu, Finland	
	venkorvenkuja 284, 90550 Oulu, Fir	ıland
Full name of third joint inv	entor, if any	
Juhani		Miettunen
	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)
nventor's signature		·
Date	Country of Citizenship	· Finland
Residence <u>Oivantie 15, 9</u> 0	0580 Oulu, Finland	·
	antie 15, 90580 Oulu, Finland	

_ '			
heck prop	per box(es) for any	of the follow	added page(s)
	that form a part	of this decla	revious

Q	Signature for fourth and subsequent joint inventors. Number of pages added
	• • •
	Signature by administrator(trix), executor(trix) or legal representative for deceased or incapacitated inventor. Number of pages added
	• • •
	Signature for inventor who refuses to sign or cannot be reached by person authorized under 37 CFR 1.47. <i>Number of pages added</i>
	• • •
□ A	Added page for signature by one joint inventor on behalf of deceased inventor(s) where legal representative cannot be appointed in time. (37 CFR 1.47)
	• • •
☐ A	Added pages to combined declaration and power of attorney for divisional, continuation, or continuation-in-part (C-I-P) application.
	☐ Number of pages added
☐ Ai	uthorization of attorney(s) to accept and follow instructions from representative.
	• • •
then	(if no further pages form a part of this Declaration, end this Declaration with this page and pheck the following item)
	This declaration ends with this page.

(Declaration and Power of Attorney [1-1]-page 7 of 7)

Attorney's

Full name of fourth joint in	ventor, if any	
Mikko	·	Lietsalmi
GIVEN NAME	FAMILY (OR LAST NAME)	
Inventor's signature		
Date	Country of Citizenship	Finland
Residence <u>Suunnistajant</u>	ie 2B, 90650 Oulu, Finland	
Post Office AddressSuun	nistajantie 2B, 90650 Oulu, Finlar	nd .
Full name of fifth joint inve	ator if any	<u> </u>
Kalevi	intol, it ally	Kaartinen
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
	Country of Citizenship	Finland
	. 12, 40699 Erkrath, Germany	
Post Office Address <u>Hattn</u>	itter Str. 12, 40699 Erkrath, Gern	nany
Full name of sixth joint inve	entor, if any	
Peter		Decker
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
Date	Country of Citizenship	Germany
	33, 45772 Marl, Germany	
Post Office Address Sibe	liusstr. 33, 45772 Marl, Germany	

Full name of seventh joint inver	ntor, if any	
Arto	•	_Lehtonen
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
	Country of Citizenship	Finland ,
Residence <u>Silakatu 20, 33</u>		
	u 20, 33730 Tampere, Finland	·
eighth Full name of joint inventor	r if any	
Pete	,	Pihko
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		LYMICI (OU CAST NAME)
	Country of Citizenship	Finland
Residence <u>26 Taft Avenue</u> ,		
	Avenue, Lexington, MA 02173 U	SA
Full name of ninth joint inventor	, if any	
Teemu GIVEN NAME		Tarnanen
Inventor's signature	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Date Vine 9, 199	7 Country of Citizenship	Finland
Residence <u>Kaskipuunkaari 5</u> 0	6, 02340 Espoo, Finland	
Post Office Address <u>Kaskipuun</u>	kaari 5 C 6, 02340 Espoo, Finl	and

	_	,
	_	
-		

ADDED PAG	E TO COMBINED	DECLARAT	ION AND PO'	WER OF
ATTORNEY FOR S	IGNATURE BY F	OURTH AND	SUBSEQUEN	T INVENTORS

Full name of tenth joint in	ventor, if any	
		Kari
Hannu GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
	Country of Citizenship _	Finland
	a 9 B 9, 02880 Veikkola, Finlar	
	lervonkuja 9 B 9, 02880 Veikko	
eleventh Full name of joint inve	ntor if any	
		Mannan
Jari GIVEN NAME	MIDDLE INITIAL OR NAME	Maenpaa FAMILY (OR LAST NAME)
inventor's signature	Country of Citizenship	Finland
Date	Country of Citizenship _	
	7 As 3, 33240 Tampere, Finland	
Post Office Address Pis	pankatu 7 As 3, 33240 Tampere,	Finland
twelth Full name of joint inve	entor, if any	
Petri		Nykanen
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
-		Finland
Date	Country of Citizenship	riniana
	7 A 3, 33240 Tampere, Finland	
	elankatu 7 A 3. 33240 Tampere.	•

joint inventor, if any

Post Office Address _____

Full name of

Date ___

GIVEN NAME

Residence _____

Inventor's signature _____

 ${}^{\alpha}_{\alpha}{}^{\alpha}_{R}{}^{\alpha}_{C},$

ADDED PAGE TO	COMBINED DECLARATION	AND POWER OF
ATTORNEY FOR SIGNA	TURE BY FOURTH AND SUB	SEQUENT INVENTORS
thirteenth Full name of joint inv		
Mikko	,	Terho
GIVEN NAME	MIDOLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
	Country of Citizenship	Finland
	A 1, 33820 Tampere, Finland	
Post Office Address Veisu	nkatu 58 A 1, 33820 Tampere, Finl	and
Fourteenth Full name of joint invent	tor, if any	
Patrik		Gustafsson
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
Date	Country of Citizenship	Finland
	61, 02230 Espoo, Finland	
Post Office Address Elsasgr	and 5 E 61, 02230 Espoo, Finland	

(Added Page to Combined Declaration and Power of Attorney for Signature by Fourth and Subsequent Inventors [1-2])

MIDDLE INITIAL OR NAME

Country of Citizenship

FAMILY (CR LAST NAME)

COMBINED DECLARATION AND POWER OF ATTORNEY

(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL, DIVISIONAL, CONTINUATION OR C-I-P)

As a below named inventor, I hereby declare that:

TYPE OF DECLARATION
This declaration is of the following type:
(check one applicable item below)
ႍ original.
design.
☐ supplemental.
NOTE: If the declaration is for an International Application being filed as a divisional, continuation or continuation-in-part application, do not check next item; check appropriate one of last three items.
☐ national stage of PCT.
NOTE: If one of the following 3 items apply, then complete and also attach ADDED PAGES FOR DIVISIONAL, CONTINUATION OR C-I-P.
☐ divisional.
. □ continuation.
☐ continuation-in-part (C-I-P).
INVENTORSHIP IDENTIFICATION

WARNING: If the inventors are each not the inventors of all the claims, an explanation of the facts, including the ownership of all the claims at the time the last claimed invention was made, should be submitted.

My residence, post office address and citizenship are as stated below, next to my name. I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed, and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

A COMMUNICATION NETW	ORK TERMINAL	. SUPPORTING A	PLURALITY	0F	APPLICATIONS



SPECIFICATION IDENTIFICATION

the specification of which:

(complete (a), (b) or (c))

9 83

(a) 🔲	is attached hereto.
n v	The following combinations of information supplied in an oath or declaration filed on the applicatio filing date with a specification are acceptable as minimums for identifying a specification and compliance with any one of the items below will be accepted as complying with the identification requirement of CFR 1.63:
	"(1) name of inventor(s), and reference to an attached specification which is both attached to the oath or declaration at the time of execution and submitted with the oath or declaration on filing;
	"(2) name of inventor(s), and attorney docket number which was on the specification as filed or
	"(3) name of inventor(s), and title which was on the specification as filed."
	Notice of July 13, 1995 (1177 O.G. 60).
(b) 🖾	was filed on, as ⊠ Serial No. 0 ⁸ /, 804,236 or □
	and was amended on (if applicable).
no an an	mendments filed after the original papers are deposited with the PTO that contain new matter are of accorded a filing date by being referred to in the declaration. Accordingly, the amendments involved those filed with the application papers or, in the case of a supplemental declaration, are those mendments claiming matter not encompassed in the original statement of invention or claims. See TCFR 1.67.
an	The following combinations of information supplied in an oath or declaration filed after the filing date a acceptable as minimums for identifying a specification and compliance with any one of the items show will be accepted as complying with the identification requirement of 37 CFR 1.63:
	"(1) name of inventor(s), and application number (consisting of the series code and the serial number, e.g.,08/123,456);
	"(2) name of inventor(s), serial number and filing date;
	(3) name of inventor(s) and attorney docket number which was on the specification as filed;
	"(4) name of inventor(s), title which was on the specification as filed and filing date;
	"(5) name of inventor(s), title which was on the specification as filed and reference to an attached specification which is both attached to the oath or declaration at the time of execution and submitted with the oath or declaration; or
	"(6) name of inventor(s), title which was on the specification as filed and accompanied by a cover letter accurately identifying the application for which it was intended by either the application number (consisting of the series code and the serial number; e.g.,08/123,456), or serial number and filing date. Absent any statement(s) to the contrary, it will be presumed that the application filed in the PTO is the application which the inventor(s) executed by signing the oath or declaration."
	Notice of July 13, 1995 (1177 O.G. 60).
-	was described and claimed in PCT International Application No.
а	amended under PCT Article 19 on (if any).

(Declaration and Power of Attorney [1-1]—page 2 of 7)

ACKNOW GEMENT OF REVIEW OF PAPERS DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in 37, Code of Federal Regulations, § 1.56,

(also check the following items, if desired)

- and which is material to the examination of this application, namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and
 - in compliance with this duty, there is attached an information disclosure statement, in accordance with 37 CFR 1.98.

PRIORITY CLAIM (35 U.S.C. § 119(a)-(d))

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)–(d) of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

(complete (d) or (e))

- (d)
 no such applications have been filed.
- (e) Such applications have been filed as follows.

NOTE: Where item (c) is entered above and the International Application which designated the U.S. itself claimed priority check item (e), enter the details below and make the priority claim.

(Declaration and Power of Attorney [1-1]—page 3 of 7)

9 10

PRIOR FOREIGN/PCT APPLICATION(S) FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS APPLICATION AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. § 119(a)—(d)

9.163

COUNTRY (OR INDICATE IF PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLUNDER 37 U	
Finland	960895	26 February 1996	₩ YES N	10 🗆
			☐ YES N	10 🗆
			☐ YES N	10 🗆
			☐ YES N	ю 🗆
·			☐ YES N	0 🗆

CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S) (34 U.S.C. § 119(e))

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

PROVISIONAL APPLICATION NUMBER	FILING DATE
/	
/	

CLAIM FOR BENEFIT OF EARLIER US/PCT APPLICATION(S) UNDER 35 U.S.C. 120

The claim for the benefit of any such applications are set forth in the attached ADDED PAGES TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR DIVISIONAL, CONTINUATION OR CONTINUATION-IN PART (C-I-P) APPLICATION.

ALL	FOREIGN PPLICATION(S), (6 MOLES FOR DESIGN)	IF ANY, FILED ME THAN 12 MONTHS PRIOR TO THIS U.S. APPLICATION		
NOTE:	the basis for this application entering to divisional, or continuation-in-part, then	nths from the filing date of this application is a PCT filing forming the United States as (1) the national stage, or (2) a continuation, also complete ADDED PAGES TO COMBINED DECLARATION ISIONAL, CONTINUATION OR C-I-P APPLICATION for benefit under 35 U.S.C. § 120.		
	POWER	OF ATTORNEY		
I here and tran	by appoint the following attomensact all business in the Patent	ey(s) and/or agent(s) to prosecute this application and Trademark Office connected therewith.		
	(list name an	d registration number)		
Mark F.	A. Green (24,622) Harrington (31,686) Smith (32,493)			
	(check the follo	wing item, if applicable)		
	Attached, as part of this declar of the above-named attorner representative(s).	aration and power of attorney, is the authorization y(s) to accept and follow instructions from my		
	RRESPONDENCE TO	DIRECT TELEPHONE CALLS TO: (Name and telephone number)		
	A. Green			
	Green, LLP	Clarence A. Green		
	25 Post Road (203) 259-1800 airfield, CT 06430			

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

(Declaration and Power of Attorney [1-1]—page 5 of 7)

SIGNATURE(S)

NOTE: Carefully indicate the family (or last) name, as it should appear on the filing receipt and all other documents.

Full name of sole or firs		
Seppo		Alanara
	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)
Inventor's signature		
Date	Country of Citizenship _	Finland
	tu 11 B 31, 90100 Oulu, Finland	
Post Office Address Ha	llituskatu 11 B 31, 90100 Oulu, Fi	nland
Full name of second join	t inventor, if any	·
Pekka (GIVEN NAME)	(MIDDLE INITIAL OR NAME)	Isomursu
liventor's signature		FAMILY (OR LAST NAME)
	Country of Citizenship	Finland
Residence Jarvenkorvenk	cuia 284, 90550 Oulu Finland	
Residence <u>Jarvenkorvenk</u>	kuja 2B4, 90550 Oulu, Finland	· · · · · · · · · · · · · · · · · · ·
Residence <u>Jarvenkorvenk</u>	kuja 2B4, 90550 Oulu, Finland evenkorvenkuja 2B4, 90550 Oulu, Fin	· · · · · · · · · · · · · · · · · · ·
Residence <u>Jarvenkorvenk</u> Post Office Address <u>Jar</u>	kuja 2B4, 90550 Oulu, Finland ovenkorvenkuja 2B4, 90550 Oulu, Fin	· · · · · · · · · · · · · · · · · · ·
Residence <u>Jarvenkorvenk</u>	kuja 2B4, 90550 Oulu, Finland ovenkorvenkuja 2B4, 90550 Oulu, Fin	· · · · · · · · · · · · · · · · · · ·
Residence <u>Jarvenkorvenk</u> Post Office Address <u>Jar</u> Full name of third joint in	kuja 2B4, 90550 Oulu, Finland ovenkorvenkuja 2B4, 90550 Oulu, Fin	nland Miettunen
Residence <u>Jarvenkorvenk</u> Post Office Address <u>Jar</u> Full name of third joint in <u>Juhani</u> (GIVEN NAME) Tiventor's signature	ventor, if any	Miettunen FAMILY (OR LAST NAME)
Residence <u>Jarvenkorvenk</u> Post Office Address <u>Jar</u> Full name of third joint in <u>Juhani</u> (GIVEN NAME) Tiventor's signature	ventor, if any	Miettunen FAMILY (OR LAST NAME)
Residence <u>Jarvenkorvenk</u> Post Office Address <u>Jar</u> Full name of third joint in <u>Juhani</u> (GIVEN NAME) Tiventor's signature	venkorvenkuja 2B4, 90550 Oulu, Finland venkorvenkuja 2B4, 90550 Oulu, Finland ventor, if any	Miettunen FAMILY (OR LAST NAME)

check proper box(es) for any of the following added page(s
that form a part of this declaration)

لیا	Signature for fourth and subsequent joint inventors. Number of pages added
	• • •
	Signature by administrator(trix), executor(trix) or legal representative for deceased or incapacitated inventor. <i>Number of pages added</i>
	• • •
	Signature for inventor who refuses to sign or cannot be reached by person authorized under 37 CFR 1.47. Number of pages added
	• • •
	Added page for signature by one joint inventor on behalf of deceased inventor(s) where legal representative cannot be appointed in time. (37 CFR 1.47)
	• • •
	Added pages to combined declaration and power of attorney for divisional, continuation, or continuation-in-part (C-I-P) application.
	• • •
	Authorization of attorney(s) to accept and follow instructions from representative.
	• • •
the	(if no further pages form a part of this Declaration, en end this Declaration with this page and check the following item)
	This declaration ends with this page.

(Declaration and Power of Attorney [1-1]—page 7 of 7)

9.30

24 R

Full name of fourth joint	inventor, if any	
Mikko		Lietsalmi
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
Date	Country of Citizenship	Finland
Residence <u>Suunnistaja</u>	ntie 2B, 90650 Oulu, Finland	
Post Office AddressSu	unnistajantie 2B, 90650 Oulu, Finlan	d
Full name of fifth joint in	ventor, if any	
Kalevi	,	Kaartinen
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
Date	Country of Citizenship	Finland
	tr. 12, 40699 Erkrath, Germany	
	tnitter Str. 12, 40699 Erkrath, Germ	
Full name of sixth joint in	eventor, if any	
Peter	, , , , , , , , , , , , , , , , , , , ,	Decker
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
Date	Country of Citizenship	Germany
	. 33, 45772 Marl, Germany	
Post Office Address Si	beliusstr. 33, 45772 Marl, Germany	·

ADDED PAGE TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR SIGNATURE BY FOURTH AND SUBSEQUENT INVENTORS

11 171

Full name of seventh joint in	ventor, if any	
Arto		Lehtonen
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
Date	Country of Citizenship	Finland ,
	33730 Tampere, Finland	
Post Office Address <u>Sila</u>	katu 20, 33730 Tampere, Finland	
eighth Full name of joint inver	ntos if any	
•	· · · · · · · · · · · · · · · · · · ·	Pihko
P <u>ete</u> GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
	Country of Citizenship	Finland
	ue, Lexington, MA 02173 USA	
	ft Avenue, Lexington, MA 02173	
Post Office Address	To Avenue, Eextinguity in CELTS	
Full name of joint inve	entor, if any	
Teemu		Tarnanen
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
Date	Country of Citizenship	Finland
Residence Kaskipuunkaari	5 C 6, 02340 Espoo, Finland	
Post Office Address Kaski	puunkaari 5 C 6. 02340 Espoo, Fi	nland

	TO COMBINED DECLARATION NATURE BY FOURTH AND SUE	
Full name of joint	inventor if any	
		Vani
GIVEN NAME	H. MIDDLE INITIAL OR NAME	Kari FAMILY (OR LAST NAME)
Inventor's signature		4TH JUNE 1997
Date 974 June 16	ハナ Country of Citizenship	inland
Residence Kullervonk	uja 9 B 9, 02880 Veikkola, Finland	
	ullervonkuja 9 B 9, 02880 Veikkola,	
Full name of joint in Jari GIVEN NAME		Maenpaa
		FAMILY (OR LAST NAME)
Inventor's signature		
Date	Country of Citizenship	Finland
Residence Pispankat	u 7 As 3, 33240 Tampere, Finland	
Post Office Address P	<u>ispankatu 7 As 3, 33240 Tampere, Fi</u>	nland
•	<u> </u>	
Full name of joint in	ventor, if any	
Petri		Nykanen
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		ri-1d
	Country of Citizenship	
Residence Tahmelanka	tu 7 A 3, 33240 Tampere, Finland	
Post Office AddressTal	nmelankatu 7 A 3, 33240 Tampere, Fir	nland

4	K	۰
---	---	---

thirteenth		
Full name of - joint i	nventor, if any	
Mikko		Terho
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
	Country of Citizenship	Finland ,,
	58 A 1, 33820 Tampere, Finland	
Post Office Address Vei	sunkatu 58 A 1, 33820 Tampere, Fi	nland

Full name of joint inve	entor, if any	·
Patrik		Gustafsson
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		· .
	Country of Citizenship	Finland
	E 61, 02230 Espoo, Finland	
Post Office Address Elsas	grand 5 E 61, 02230 Espoo, Finla	nd
Full name of joint inve	entor, if any	
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (CR LAST NAME)
Inventor's signature		
Date	Country of Citizenship	
Residence		
Post Office Address		

COMBINED DECLARATION AND POWER OF ATTORNEY

(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL, DIVISIONAL, CONTINUATION OR C-I-P)

As a below named inventor, I hereby declare that:

TYPE OF DECLARATION

This declar	ation is of the following type:
	(check one applicable item below)
(3 c	original.
	design.
□s	supplemental.
NOTE: If the	ne declaration is for an International Application being filed as a divisional, continuation or inuation-in-part application, do <u>not</u> check next item; check appropriate one of last three items.
	ational stage of PCT.
NOTE: If on	e of the following 3 items apply, then complete and also attach ADDED PAGES FOR DMISIONAL, MNUATION OR C-I-P.
	ivisional.
, 🗆 c	ontinuation.
☐ c	ontinuation-in-part (C-I-P).

INVENTORSHIP IDENTIFICATION

WARNING: If the inventors are each not the inventors of all the claims, an explanation of the facts, including the ownership of all the claims at the time the last claimed invention was made, should be submitted.

My residence, post office address and citizenship are as stated below, next to my name. I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed, and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

_ <u>A</u>	COMMUNICATION	NETWORK	TERMINAL	SUPPORTING	Α	PLURALITY	0F	APPLICATIONS	

(Declaration and Power of Attorney [1-1]—page 1 of 7)



the specification of which:

(complete (a), (b) or (c))

9-161

(a)	□ is	attached her	reto.			
NOTE	filing o	date with a specii	fication are acce	ptable as minimu	ms for identifying a s	tion filed on the application pecification and compliand dentification requirement of
		"(1) name of to the oath or on filing;	of inventor(s), ar declaration at	nd reference to a the time of execu	n attached specifica ition and submitted t	tion which is both attached with the oath or declaration
		°(2) name o or	f inventor(s), and	d attorney docket	number which was o	on the specification as filed
		" (3) name d	of inventor(s), ar	nd title which wa	s on the specificatio	n as filed."
		Notice of J	uly 13, 1995	(1177 O.G.	5 <i>0)</i> .	
(b) 8	⅓ wa	s filed on	02/20/97	·	_, as ⊠ Serial N	o. 0 ⁸ / 804,236
	or					
					_ (if applicable).	
NOTE	not acc	corded a filing da use filed with the ments claiming i	te by being refe application pa	rred to in the dec apers or, in the o	laration. Accordingly, case of a supplemer	at contain new matter are the amendments involved tal declaration, are those f invention or claims. See
NOTE:	are acc	eptable as minir	nums for identi	fying a specificat	an oath or declaratio ion and compliance ation requirement of	n filed after the filing date with any one of the items 37 CFR 1.63:
		"(1) name of number; e.g.,08		application numb	per (consisting of the	series code and the serial
		°(2) name of	inventor(s), ser	ial number and f	iling date;	
		°(3) name of	inventor(s) and	attorney docket r	umber which was on	the specification as filed;
		*(4) name	of inventor(s), t	itle which was or	the specification as	filed and filing date;
		attached specifi	cation which is l	e which was on a both attached to a declaration; or	the specification as the path or declaratio	filed and reference to an n at the time of execution
	; ;	a cover letter ac application num serial number an	ccurately identi ber (consisting od filing date. Al filed in the PTC	fying the applica of the series coo bsent any statem	tion for which it wa le and the serial nun ent(s) to the contrary	led and accompanied by s intended by either the ober, e.g.,08/123,456), or it will be presumed that r(s) executed by signing
			13, 1995 (117			
(c) 🗆	was	described	and clain	ned in PCT filed on	International	Application No.
	amer	nded under F				of anyl

(Declaration and Power of Attorney [1-1]—page 2 of 7)

ACKNOWLE EMENT OF REVIEW OF PAPERS ADDUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in 37, Code of Federal Regulations, § 1.56,

(also check the following items, if desired)

and which is material to the examination of this application, namely, information where there is a substantial likelihood that a reasonable Examiner would consider
it important in deciding whether to allow the application to issue as a patent, and

in compliance with this duty, there is attached an information disclosure statement, in accordance with 37 CFR 1.98.

PRIORITY CLAIM (35 U.S.C. § 119(a)-(d))

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)–(d) of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

(complete (d) or (e))

(d) no such applications have been filed.

(e) Such applications have been filed as follows.

NOTE: Where item (c) is entered above and the International Application which designated the U.S. itself claimed priority check item (e), enter the details below and make the priority claim.

(Declaration and Power of Attorney [1-1]—page 3 of 7)

4 10

PRIOR FOREIGN/PCT APPLICATION(S) FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS APPLICATION AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. § 119(a)-(d)

COUNTRY (OR INDICATE IF PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY UNDER 37	
Finland	960895	26 February 1996	₩ YES	ио □
			☐ YES	ио 🗆
			☐ YES	ио □
			☐ YES	ио 🗆
			☐ YES	ИО □

CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S) (34 U.S.C. § 119(e))

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

PROVISIONAL APPLICATION NUMBER	FILING DATE
/	
/	1
/	

CLAIM FOR BENEFIT OF EARLIER US/PCT APPLICATION(S) UNDER 35 U.S.C. 120

The claim for the benefit of any such applications are set forth in the attached ADDED PAGES TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR DIVISIONAL, CONTINUATION OR CONTINUATION-IN PART (C-I-P) APPLICATION.

(Declaration and Power of Attorney [1-1]—page 4 of 7)

ALL I	FOREIG PPLICATION(S) (6 MON LS FOR DESIGN)	, IF ANY, FILED ME THAN 12 MONTHS PRIOR TO THIS U.S. APPLICATION
NOTE:	the basis for this application entering divisional, or continuation-in-part, there	onths from the filing date of this application is a PCT filing forming the United States as (1) the national stage, or (2) a continuation, a also complete ADDED PAGES TO COMBINED DECLARATION
	of the prior U.S. or PCT application(s	VISIONAL, CONTINUATION OR C-I-P APPLICATION for benefit under 35 U.S.C. § 120.
	POWE	R OF ATTORNEY
I here and tran	by appoint the following attom sact all business in the Patent	ey(s) and/or agent(s) to prosecute this application and Trademark Office connected therewith.
	(list name a	nd registration number)
Mark F.	A. Green (24,622) Harrington (31,686) Smith (32,493)	
	(check the following	owing item, if applicable)
🗆		laration and power of attorney, is the authorization ey(s) to accept and follow instructions from my
	RRESPONDENCE TO	DIRECT TELEPHONE CALLS TO: (Name and telephone number)
	A. Green Green, LLP	Clarence A. Green
425 Post	•	(203) 259-1800

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

(Declaration and Power of Attorney [1-1]-page 5 of 7)

9.40

SIGNATURE(S)

	t inventor	
Seppo		Alanara
(GIVEN NAME)	(MIDOLE INITIAL OR NAME)	FAMILY (OR LAST NAME
Inventor's signature		
Date	Country of Citizenship _	Finland
Residence Hallituskat	tu 11 B 31, 90100 Oulu, Finland	
	llituskatu 11 B 31, 90100 Oulu, Fir	
Full name of -		·
Full name of second join	t inventor, if any	
Pekka (GIVEN NAME)	(MIDDLE INITIAL OR NAME)	Isomursu
•	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)
Date		rinland.
Daniel	Country of Citizenship	Finiand
	uja 2B4, 90550 Oulu, Finland	
Post Office Address <u>Jar</u>	venkorvenkuja 2B4, 90550 Oulu, Fin	land
		
full name of third joint in	ventor if any	
full name of third joint in	ventor, if any	Miettunen
Juhani	-	Miettunen FAMILY (OR LAST NAME)
Juhani (GIVEN NAME)	(MIDDLE INITIAL OR NAME)	Miettunen FAMILY (OR LAST NAME)
(GIVEN NAME) nventor's signature	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)
Juhani (GIVEN NAME) TVentor's signature	(MIDDLE INITIAL OR NAME) Country of Citizenship	FAMILY (OR LAST NAME)

•	(check proper box(es) for any of the following added page(s) that form a part of this declaration)
¥	Signature for fourth and subsequent joint inventors. Number of
	• • •

نعا	Signature for fourth and subsequent joint inventors. Number of pages added
	Signature by administrator(trix), executor(trix) or legal representative for deceased or incapacitated inventor. Number of pages added
	• • •
	Signature for inventor who refuses to sign or cannot be reached by person authorized under 37 CFR 1.47. Number of pages added
	• • •
	Added page for signature by one joint inventor on behalf of deceased inventor(s) where legal representative cannot be appointed in time. (37 CFR 1.47)
	• • •
	Added pages to combined declaration and power of attorney for divisional, continuation, or continuation-in-part (C-I-P) application.
	☐ Number of pages added
	And the standing of the standi
J	Authorization of attorney(s) to accept and follow instructions from representative.

(if no further pages form a part of this Declaration, then end this Declaration with this page and check the following item)

This declaration ends with this page.

(Declaration and Power of Attorney [1-1]—page 7 of 7)



Lietsalmi
FAMILY (OR LAST NAME)
Finland
Kaartinen
FAMILY (OR LAST NAME)
Finland
у
<u> </u>
Decker
FAMILY (OR LAST NAME)
Germany

Α	DDEI	D PAC	GE TO	COMI	BINI	ED DECLA	RAT	ION ANI	POW	ER OF	
ATTOR	NEY	FOR	SIGNA	TURE	BY	FOURTH	AND	SUBSEQ	UENT	INVENT	rors

n per

Full name of seventh joint in	ventor, if any	
Arto	·	Lehtonen
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Date	Country of Citizenship	Finland •
	33730 Tampere, Finland	
Post Office Address Sila	katu 20, 33730 Tampere, Finland	
eighth Full name of joint inve	ntor, if any	
Pete	•	Pihko
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
Date	Country of Citizenship	Finland
	ue, Lexington, MA 02173 USA	
	ft Avenue, Lexington, MA 02173 l	
	·	
Full name of joint inve	entor, if any	
Teemu		Tarnanen
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
Date	Country of Citizenship	Finland
Residence Kaskipuunkaari	5 C 6, 02340 Espoo, Finland	
	nuunkaari 5 C 6, 02340 Espoo, Fil	nland

ADD	ED PA	GE TO	COM	BINI	ED DECLA	ARAT	ION AN	D POW	ER OF	
ATTORNE	FOR	SIGNA	TURE	BY	FOURTH	AND	SUBSE	QUENT	INVENT	ORS
	tenth									

Full name of joint in	iventor, if any	
Hannu	н.	Kari
GIVEN NAME	H. MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
Date	Country of Citizenship	Finland
	a 9 B 9, 02880 Veikkola, Finlan	
Post Office Address Kul	lervonkuja 9 B 9, 02880 Veikkol	a, Finland
eleventh Full name of joint inve	entor, if any	
		Maenpaa
GIVEN NAME	MIDOLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
Date	Country of Citizenship	Finland
Residence Pispankatu	7 As 3, 33240 Tampere, Finland	
	pankatu 7 As 3, 33240 Tampere,	
Full name of joint inv	entor, if any	
Petri		Nykanen
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
Date	Country of Citizenship	Finland
Residence Tahmelankatu	7 A 3, 33240 Tampere, Finland	
Post Office Address	nelankatu 7 A 3, 33240 Tampere,	Finland

thirteenth Full name of - joint i	oventor if any	
Mikko	inventor, if any	Terho
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
	Country of Citizenship	Finland ,,
	58 A 1, 33820 Tampere, Finland	
Post Office Address Vei	sunkatu 58 A 1, 33820 Tampere, Fin	land
Fourteenth Full name of joint inve	entor, if any	
Patrik		Gustafsson
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
Date	Country of Citizenship	Finland
ResidenceElsasgrand 5	E 61, 02230 Espoo, Finland	
Post Office Address Elsas	grand 5 E 61, 02230 Espoo, Finlan	d
Full name of joint invo	entor, if any	
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		-
	Country of Citizenship	
Residence		
Post Office Address		

 $20~\rm{pC}$



COMBINED DECLARATION AND POWER OF ATTORNEY
(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL, DIVISIONAL, CONTINUATION OR C-I-P)
As a below named inventor, I hereby declare that:
TYPE OF DECLARATION
This declaration is of the following type:
(check one applicable item below)
☑ original.
design.
☐ supplemental.
NOTE: If the declaration is for an International Application being filed as a divisional, continuation or continuation-in-part application, do not check next item; check appropriate one of last three items.
☐ national stage of PCT.
NOTE: If one of the following 3 items apply, then complete and also attach ADDED PAGES FOR DIVISIONAL CONTINUATION OR C-I-P.
☐ divisional.
☐ continuation.
☐ continuation-in-part (C-I-P).
. INVENTORSHIP IDENTIFICATION
WARNING: If the inventors are each not the inventors of all the claims, an explanation of the facts, including the ownership of all the claims at the time the last claimed invention was made, should be submitted.
My residence, post office address and citizenship are as stated below, next to my name, believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter hat is claimed, and for which a patent is sought on the invention entitled:
TITLE OF INVENTION
A COMMUNICATION NETWORK TERMINAL SUPPORTING A PLURALITY OF APPLICATIONS

(Declaration and Power of Attorney [1-1]—page 1 of 7)

SPECIFICATION IDENTIFICA

the specification of which:

(complete (a), (b) or (c))

	is attached hereto.
NOTE:	The following combinations of information supplied in an oath or declaration filed on the application date with a specification are acceptable as minimums for identifying a specification and complian with any one of the items below will be accepted as complying with the identification requirement 37 CFR 1.63:
	"(1) name of inventor(s), and reference to an attached specification which is both attached to the oath or declaration at the time of execution and submitted with the oath or declaration on filing;
	*(2) name of inventor(s), and attorney docket number which was on the specification as file or
	(3) name of inventor(s), and title which was on the specification as filed.
	Notice of July 13, 1995 (1177 O.G. 60).
(b) 🔯	was filed on, as \(\tilde{\Serial} \) Serial No. 0 \(\tilde{8} \) _ 804,236 or \(\tilde{\Serial} \)
	and was amended on (if applicable).
•	Amendments filed after the original papers are deposited with the PTO that contain new matter ar not accorded a filing date by being referred to in the declaration. Accordingly, the amendments involve are those filed with the application papers or, in the case of a supplemental declaration, are thos amendments claiming matter not encompassed in the original statement of invention or claims. Se 37 CFR 1.67.
ė	"The following combinations of information supplied in an oath or declaration filed after the filing date are acceptable as minimums for identifying a specification and compliance with any one of the items below will be accepted as complying with the identification requirement of 37 CFR 1.63:
•	"(1) name of inventor(s), and application number (consisting of the series code and the seria number, e.g.,08/123,456);
	(2) name of inventor(s), serial number and filing date;
	"(3) name of inventor(s) and attorney docket number which was on the specification as filed,
	"(4) name of inventor(s), title which was on the specification as filed and filing date;
	"(5) name of inventor(s), title which was on the specification as filed and reference to an attached specification which is both attached to the bath or declaration at the time of execution and submitted with the oath or declaration; or
	"(6) name of inventor(s), title which was on the specification as filed and accompanied by a cover letter accurately identifying the application for which it was intended by either the application number (consisting of the series code and the serial number, e.g.,08/123,456), or serial number and filing date. Absent any statement(s) to the contrary, it will be presumed that the application filed in the PTO is the application which the inventor(s) executed by signing the oath or declaration."
	a cover letter accurately identifying the application for which it was intended by either the application number (consisting of the series code and the serial number, e.g.,08/123,456), or serial number and filing date. Absent any statement(s) to the contrary, it will be presumed that the application filed in the PTO is the application which the inventor(s) executed by signing
c) 🗆	a cover letter accurately identifying the application for which it was intended by either the application number (consisting of the series code and the serial number, e.g.,08/123,456), or serial number and filing date. Absent any statement(s) to the contrary, it will be presumed that the application filed in the PTO is the application which the inventor(s) executed by signing the oath or declaration." Notice of July 13, 1995 (1177 O.G. 60).

(Declaration and Power of Attorney [1-1]—page 2 of 7)

ACKNOWLE INT OF REVIEW OF PAPERS A TY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in 37, Code of Federal Regulations, § 1.56,

(also check the following items, if desired)

- and which is material to the examination of this application, namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and
 - in compliance with this duty, there is attached an information disclosure statement, in accordance with 37 CFR 1.98.

PRIORITY CLAIM (35 U.S.C. § 119(a)-(d))

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)–(d) of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

(complete (d) or (e))

- (d) no such applications have been filed.
- (e) Such applications have been filed as follows.

NOTE: Where item (c) is entered above and the International Application which designated the U.S. itself claimed priority check item (e), enter the details below and make the priority claim.

(Declaration and Power of Attorney [1-1]-page 3 of 7)

...

9 10

PRIOR FOREIGN/PCT APPLICATION(S) FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS APPLICATION AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. § 119(a)—(d)

9.183

COUNTRY (OR INDICATE IF PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 37 USC 119
Finland	960895	26 February 1996	☐ YES NO □
			☐ YES NO ☐
			☐ YES NO ☐
			☐ YES NO ☐
			☐ YES NO ☐

CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S) (34 U.S.C. § 119(e))

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

PROVISIONAL APPLICATION NUMBER	FILING DATE
/	·
/	
/	

CLAIM FOR BENEFIT OF EARLIER US/PCT APPLICATION(S) UNDER 35 U.S.C. 120

The claim for the benefit of any such applications are set forth in the attached ADDED PAGES TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR DIVISIONAL, CONTINUATION OR CONTINUATION-IN PART (C-I-P) APPLICATION.

(Declaration and Power of Attorney [1-1]-page 4 of 7)

ALL	(6 MON FOR DESIGN) PRIOR TO THIS U. APPLICATION					
NOTE:	the basis for this application entering divisional, or continuation-in-part, the	nonths from the filing date of this application is a PCT filing forming in the United States as (1) the national stage, or (2) a continuation, an also complete ADDED PAGES TO COMBINED DECLARATION DIVISIONAL, CONTINUATION OR C-I-P APPLICATION for benefit is) under 35 U.S.C. § 120.				
	POWE	R OF ATTORNEY				
I here and tran	by appoint the following attornated all business in the Paten	ney(s) and/or agent(s) to prosecute this application t and Trademark Office connected therewith.				
	(list name a	and registration number)				
Mark F.	A. Green (24,622) Harrington (31,686) Smith (32,493)					
	(check the fol	lowing item, if applicable)				
	Attached, as part of this decorporate of the above-named attorrepresentative(s).	claration and power of attorney, is the authorization rey(s) to accept and follow instructions from my				
SEND CO	RRESPONDENCE TO	DIRECT TELEPHONE CALLS TO: (Name and telephone number)				
	A. Green	·				
Perman & 125 Post	Green, LLP Road	Clarence A. Green (203) 259-1800				

Fairfield, CT 06430

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

(Declaration and Power of Attorney [1-1]—page 5 of 7)

9 10

SIGNATURE(S)

	t inventor	
Seppo		Alanara
(GIVEN NAME)	FAMILY (OR LAST NAME)	
Inventor's signature		
Date	Country of Citizenship _	Finland
	u 11 B 31, 90100 Oulu, Finland	
Post Office Address Hall	lituskatu 11 B 31, 90100 Oulu, Fir	land
F. II		•
Full name of second join	t inventor, if any	
Pekka (GNEN NAME)		Isomursu
(GIVEN NAME)	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)
Date	Country of Citizenship	Finland
	uia 284, 90550 Oulu Finland	
Residence <u>Jarvenkorvenk</u>	aga zor, sosso dara, i ilitalia	
	venkorvenkuja 2B4, 90550 Oulu, Fin	land
		land
Residence <u>Jarvenkorvenk</u> Post Office Address <u>Jar</u>		land
		land
Post Office Address <u>Jar</u>	venkorvenkuja 2B4, 90550 Oulu, Fin	land
Post Office Address <u>Jar</u>	venkorvenkuja 2B4, 90550 Oulu, Fin	
Post Office Address <u>Jar</u>	venkorvenkuja 2B4, 90550 Oulu, Fin	Miettunen
ost Office Address <u>Jar</u> full name of third joint int Juhan i (GIVEN NAME)	venkorvenkuja 2B4, 90550 Oulu, Fin	
Fost Office Address <u>Jar</u> Full name of third joint int Juhani (GIVEN NAME) Iventor's signature	venkorvenkuja 2B4, 90550 Oulu, Fin	Miettunen FAMILY (OR LAST NAME)
ost Office Address <u>Jar</u> full name of third joint int Juhani (GIVEN NAME) Eventor's signature	venkorvenkuja 2B4, 90550 Oulu, Fin	Miettunen

Full name of fourth joint inv	ventor, if any	
Mikko		Lietsalmi
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
Date	Country of Citizenship	Finland
Residence <u>Suunnistajanti</u>	e 2B, 90650 Oulu, Finland	
Post Office AddressSuunr	istajantie 2B, 90650 Oulu, Finland	<u>d</u>
Full name of fifth joint inver	ntor, if any	Kaartinen
Kalevi GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Trainer (or o to to and)
Inventor's signature	Country of Citizenship	Finland
	12, 40699 Erkrath, Germany	
	tter Str. 12, 40699 Erkrath, Germa	•
Tost Office Address <u>Instant</u>		
Full name of sixth joint inve	ntor, if any	
Peter	1	Decker
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature	vels auly	
Date June 25, 1992	Country of Citizenship	Germany
V Residence <u>Sibeliusstr.</u>		
Post Office Address Sibel	iusstr. 33, 45772 Marl, Germany	

- 1	· · · · · · · · · · · · · · · · · · ·
e.	proper box(es) for any of the follow
	that form a part of this declaration)

لپيا	Signature for fourth and subsequent joint inventors. Number of pages added
	• • •
	Signature by administrator(trix), executor(trix) or legal representative for deceased or incapacitated inventor. Number of pages added
	• • •
	Signature for inventor who refuses to sign or cannot be reached by person authorized under 37 CFR 1.47. Number of pages added
	• • •
	Added page for signature by one joint inventor on behalf of deceased inventor(s) where legal representative cannot be appointed in time. (37 CFR 1.47)
	• • •
	Added pages to combined declaration and power of attorney for divisional, continuation, or continuation-in-part (C-I-P) application.
	☐ Number of pages added
	• • •
	Authorization of attomey(s) to accept and follow instructions from representative.
	• • •
the	(if no further pages form a part of this Declaration, on end this Declaration with this page and check the following item)
	This declaration ends with this page

(Declaration and Power of Attorney [1-1]—page 7 of 7)

 $\alpha(R)$

Full name of seventh joint in	ventor, if any	
Arto		Lehtonen
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
Date	Country of Citizenship	Finland •
	33730 Tampere, Finland	
Post Office AddressSila	akatu 20, 33730 Tampere, Finland	
eighth Full name of joint inve	ator if any	
-	mor, ii arry	Pihko
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
	Country of Citizenship	Finland
	nue, Lexington, MA 02173 USA	
	aft Avenue, Lexington, MA 02173	
1 OSC Office Address		
Full name of joint inve	entor, if any	
Teemu		Tarnanen
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
Date	Country of Citizenship	Finland
Residence Kaskipuunkaari	5 C 6, 02340 Espoo, Finland	
	ipuunkaari 5 C 6. 02340 Espoo. Fi	nland

Į.		
tet	No.	442-007078-US(PAR)

Full name of tenth joint	inventor, if any	
		Kari
GIVEN NAME	H. MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
Date	Country of Citizenship _	Finland •
	ıja 9 B 9, 02880 Veikkola, Finlan	
	ıllervonkuja 9 B 9, 02880 Veikkol	
Full name of joint inv		Maannaa
Jari GIVEN NAME	MIDDLE INITIAL OR NAME	Maenpaa FAMILY (OR LAST NAME)
Inventor's signature		
Nata	Country of Citizenship	Finland
DatePispankate	7 As 3, 33240 Tampere, Finland	•
Post Office AddressP	ispankatu 7 As 3, 33240 Tampere,	rillanu
full name of joint in		Nykanen
Petri GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
	Country of Citizenship	Finland
	tu 7 A 3, 33240 Tampere, Finland	
	nmelankatu 7 A 3, 33240 Tampere,	

thirteenth	1.	
Full name of - joint	inventor, if any	
Mikko		Terho
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature	· · · · · · · · · · · · · · · · · · ·	
Date	Country of Citizenship	Finland ,,
	58 A 1, 33820 Tampere, Finland	
	isunkatu 58 A 1, 33820 Tampere, Fir	
Full name of joint in	ventor, if any	
Patrik		Gustafsson
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		·
	Country of Citizenship	Finland
	5 E 61, 02230 Espoo, Finland	
Post Office Address Elsa	sgrand 5 E 61, 02230 Espoo, Finlan	d
Full name of joint in	ventor, if any	
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (CR LAST NAME)
nventor's signature		
Date	Country of Citizenship	
Residence		
Post Office Address		

9 10

COMBINED DECLARATION AND POWER OF ATTORNEY

(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL, DIVISIONAL, CONTINUATION OR C-I-P)

As a below named inventor, I hereby declare that:
TYPE OF DECLARATION
This declaration is of the following type:
(check one applicable item below)
🗵 original.
☐ design.
☐ supplemental.
NOTE: If the declaration is for an International Application being filed as a divisional, continuation or continuation-in-part application, do not check next item; check appropriate one of last three items.
☐ national stage of PCT.
NOTE: If one of the following 3 items apply, then complete and also attach ADDED PAGES FOR DIVISIONAL, CONTINUATION OR C-I-P.
☐ divisional.
☐ continuation.
☐ continuation-in-part (C-I-P).
INVENTORSHIP IDENTIFICATION
WARNING: If the inventors are each not the inventors of all the claims, an explanation of the facts, including

the ownership of all the claims at the time the last claimed invention was made, should be submitted.

My residence, post office address and citizenship are as stated below, next to my name. I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed, and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

A COMMUNICATION	NETWORK	TERMINAL	SUPPORTING	Α	PLURALITY	0F	APPLICATIONS	

(Declaration and Power of Attorney [1-1]—page 1 of 7)



the specification of which:

(compl	ete	(a),	(b)	or	(c))
100		1-//	1-/	•	14//

" 18"

(a)	is attached hereto.
ΝΟΤΈ	The following combinations of information supplied in an oath or declaration filed on the applicatio filing date with a specification are acceptable as minimums for identifying a specification and compliand with any one of the items below will be accepted as complying with the identification requirement of CFR 1.63:
	"(1) name of inventor(s), and reference to an attached specification which is both attached to the oath or declaration at the time of execution and submitted with the oath or declaration on filing;
	"(2) name of inventor(s), and attorney docket number which was on the specification as filed or
	"(3) name of inventor(s), and title which was on the specification as filed."
	Notice of July 13, 1995 (1177 O.G. 60).
(b)	
	and was amended on (if applicable).
NOTE	Amendments filed after the original papers are deposited with the PTO that contain new matter are not accorded a filing date by being referred to in the declaration. Accordingly, the amendments involved are those filed with the application papers or, in the case of a supplemental declaration, are those amendments claiming matter not encompassed in the original statement of invention or claims. See 37 CFR 1.67.
NOTE:	The following combinations of information supplied in an oath or declaration filed after the filing date are acceptable as minimums for identifying a specification and compliance with any one of the items below will be accepted as complying with the identification requirement of 37 CFR 1.63:
•	"(1) name of inventor(s), and application number (consisting of the series code and the serial number, e.g.,08/123,456);
	"(2) name of inventor(s), serial number and filing date;
	"(3) name of inventor(s) and attorney docket number which was on the specification as filed;
	"(4) name of inventor(s), title which was on the specification as filed and filing date;
	"(5) name of inventor(s), title which was on the specification as filed and reference to an attached specification which is both attached to the oath or declaration at the time of execution and submitted with the oath or declaration; or
	"(6) name of inventor(s), title which was on the specification as filed and accompanied by a cover letter accurately identifying the application for which it was intended by either the application number (consisting of the series code and the serial number, e.g.,08/123,456), or serial number and filing date. Absent any statement(s) to the contrary, it will be presumed that the application filed in the PTO is the application which the inventor(s) executed by signing the oath or declaration."
	Notice of July 13, 1995 (1177 O.G. 60).
(c) 🗆	was described and claimed in PCT International Application No.
	amended under PCT Article 19 on (if any).
	,

(Declaration and Power of Attorney [1-1]—page 2 of 7)

ACKNOWLED MENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in 37, Code of Federal Regulations, § 1.56,

(also check the following items, if desired)

- and which is material to the examination of this application, namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and
 - in compliance with this duty, there is attached an information disclosure statement, in accordance with 37 CFR 1.98.

PRIORITY CLAIM (35 U.S.C. § 119(a)-(d))

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)–(d) of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

(complete (d) or (e))

- (d) no such applications have been filed.

NOTE: Where item (c) is entered above and the International Application which designated the U.S. itself claimed priority check item (e), enter the details below and make the priority claim.

(Declaration and Power of Attorney [1-1]—page 3 of 7)

9 10

PRIOR FOREIGN/PCT APPLICATION(S) FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS APPLICATION AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. § 119(a)-(d)

9 187

COUNTRY (OR INDICATE IF PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 37 USC 119
Finland	960895	26 February 1996	Д YES NO □
			☐ YES NO ☐
			☐ YES NO ☐
·			☐ YES NO ☐
			☐ YES NO ☐

CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S) (34 U.S.C. § 119(e))

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

PROVISIONAL APPLICATION NUMBER	FILING DATE
/	•
/	
/	

CLAIM FOR BENEFIT OF EARLIER US/PCT APPLICATION(S) UNDER 35 U.S.C. 120

The claim for the benefit of any such applications are set forth in the attached ADDED PAGES TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR DIVISIONAL, CONTINUATION OR CONTINUATION-IN PART (C-I-P) APPLICATION.

ALL F	OREIGN LICATION (6 MONTHS FOR DESIG	(S), IF ANY, FILED MORNILLAN 12 MONTHS (S) PRIOR TO THIS U.S. APPLICATION
	the basis for this application enter divisional, or continuation-in-part,	? months from the filing date of this application is a PCT filing forming ting the United States as (1) the national stage, or (2) a continuation, then also complete ADDED PAGES TO COMBINED DECLARATION IN DIVISIONAL, CONTINUATION OR C-I-P APPLICATION for benefit on(s) under 35 U.S.C. § 120.
	POW	ER OF ATTORNEY
I hereb and trans	y appoint the following attract all business in the Pat	orney(s) and/or agent(s) to prosecute this application ent and Trademark Office connected therewith.
	(list name	e and registration number)
Mark F. H	A. Green (24,622) arrington (31,686) Smith (32,493)	
	(check the	following item, if applicable)
	Attached, as part of this of the above-named attorepresentative(s).	declaration and power of attorney, is the authorization or property in accept and follow instructions from my
	RESPONDENCE TO	DIRECT TELEPHONE CALLS TO: (Name and telephone number)
Clarence / Perman & (A. Green Green, LLP	Clarence A. Green

425 Post Road Fairfield, CT 06430

(203) 259-1800

9 164

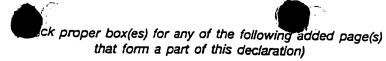
DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

(Declaration and Power of Attorney [1-1]—page 5 of 7)

SIGNATURE(S)

NOTE: Carefully indicate (the family (or last) name, as it should appear	r on the filing receipt and all o
Full name of sole or fil	rst inventor	
Seppo	•	Alanara
(GIVEN NAME)	,	FAMILY (OR LAST NAME)
Inventor's signature		<u> </u>
Date	Country of Citizenship _	Finland
ResidenceHallitusk	atu 11 B 31, 90100 Oulu, Finland	
	allituskatu 11 B 31, 90100 Oulu, Fi	
- "		
Full name of second joi	nt inventor, if any	
Pekka		Isomursu
(GIVEN NAME)	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)
	· · · · · · · · · · · · · · · · · · ·	
Date	Country of Citizenship	Finland
Residence <u>Jarvenkorver</u>	nkuja 2B4, 90550 Oulu, Finland	
	rvenkorvenkuja 2B4, 90550 Oulu, Fir	
tutt =		
ull name of third joint is Juhani	nventor, if any	
		Miettunen
·	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)
ale	Country of Citizenship	Finland
esidence <u>Oivantie 15,</u>	90580 Oulu, Finland	••
ost Office Address0	ivantie 15, 90580 Oulu, Finland	



À	Signature for fourth and subsequent joint inventors. Number of pages added
	• • •
	Signature by administrator(trix), executor(trix) or legal representative for deceased or incapacitated inventor. Number of pages added
	• • •
	Signature for inventor who refuses to sign or cannot be reached by person authorized under 37 CFR 1.47. Number of pages added
	• • •
	Added page for signature by one joint inventor on behalf of deceased inventor(s) where legal representative cannot be appointed in time. (37 CFR 1.47)
	• • •
	Added pages to combined declaration and power of attorney for divisional, continuation, or continuation-in-part (C-I-P) application.
	☐ Number of pages added
,	• • •
	Authorization of attorney(s) to accept and follow instructions from representative.
	• • • •
the	(if no further pages form a part of this Declaration, en end this Declaration with this page and check the following item)
	This declaration ends with this page.

(Declaration and Power of Attorney [1-1]-page 7 of 7)

 $\alpha_{\rm e} R^{\alpha}$

0.40

Full name of fourth joint in	ventor, if any	
Mikko		Lietsalmi
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
Date	Country of Citizenship	Finland
	ie 2B, 90650 Oulu, Finland	
Post Office Address Suur	nnistajantie 2B, 90650 Oulu, Finlar	nd
Full name of fifth initial investigation		
Full name of fifth joint inve	entor, ir any	Kaartinen
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
	Country of Citizenship	Finland
	. 12, 40699 Erkrath, Germany	
	nitter Str. 12, 40699 Erkrath, Gern	
Full name of sixth joint inv	entor, if any	
Peter	•	Decker
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
Date	Country of Citizenship	Germany
Residence <u>Sibeliusstr.</u>	33, 45772 Marl, Germany	
Post Office Address Sibe	eliusstr. 33, 45772 Marl, Germany	



" H

Full name of seventh	inventor, if any	
A <u>rto</u>	•	Lehtonen
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature	unt -	
Date // JUNE 1	997 Country of Citizenship	Finland ,
	, 33730 Tampere, Finland	
	lakatu 20, 33730 Tampere, Finland	
eighth Full name of joint inv	entor, if any	
P <u>ete</u>		Pihko
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
	Country of Citizenship	Finland
	enue, Lexington, MA 02173 USA	
	Taft Avenue, Lexington, MA 02173 U	JSA
Full name of joint inv	ventor, if any	-
GIVEN NAME	MIDDLE INITIAL OR NAME	Tarnanen FAMILY (OR LAST NAME)
Inventor's signature		PAMILT (OR CAST NAME)
_		Finland
o · · Vackinumkaan	Country of Citizenship	i illi allu
	ri 5 C 6, 02340 Espoo, Finland	
Post Office Address <u>Kask</u>	ripuunkaari 5 C 6, 02340 Espoo, Fir	nland

•		7	
ttorney's	Nook	et No.	442-007078-US(PAR)

Full name of joint invento	or, if any	
Hannu		_Kari
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
Date	Country of Citizenship	Finland
Residence <u>Kullervonkuja 9 B</u>		
Post Office Address Kullervo		
eleventh Full name of joint inventor,	if any	
		Maenpaa
Jari GIVEN NAME ,	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature	Magn	
-, //	2 / Citizanahia	Finland
Date 12th June / 1997	Country of Citizenship	
Residence Pispankatu 17 As	3, 33240 lampere, Finland	
Post Office Address Pispanka	atu 7 As 3, 33240 Tampere.	Finland
twelth Full name of joint inventor	, if any	
Petri	· •	Nykanen
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
Inventor's signatureX Date 13th June 1997	Country of Citizenship	Finland
Residence Tahmelankatu 7 A	3. 33240 Tampere, Finland	
Residence		Finland

- 1-11	1
120	

 $u\in \mathbb{R}^n$

	ADDED	PAGE	TO	COMI	BINE	ED DECLA	ARAT	ION AN	D POW	ER OF	
ATTO	RNEY F	OR SIG	GNAT	TURE	BY	FOURTH	AND	SUBSE	QUENT	INVENT	rors

thirteenth	1	
Full name of joint	inventor, if any	
Mikko		Terho
GIVEN NAME	MINDOLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Date 167.11 JUNE	774 Country of Citizenship	Finland ,,
Residence Veisunkatu	58 A 1, 33820 Tampere, Finland	
Post Office Address _Ve	isunkatu 58 A 1, 33820 Tampere, Fin	land
Full name of joint in	ventor, if any	
<u>Patrik</u>	·	Gustafsson
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's signature		
Date	Country of Citizenship	Finland
	5 E 61, 02230 Espoo, Finland	
Post Office Address Elsa	asgrand 5 E 61, 02230 Espoo, Finlan	d
Full name of initiation		
Full name of joint in	ventor, if any	
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (CR LAST NAME)
nventor's signature		
	Country of Citizenship	
Residence		
Post Office Address		
USE CHILLY ACIDIASS		